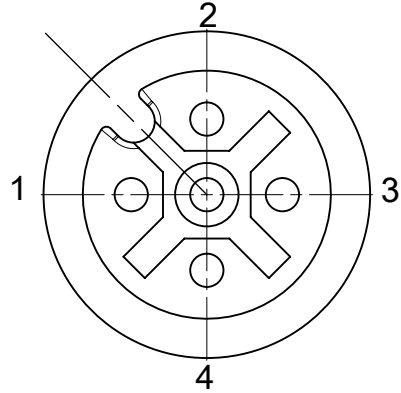


M12 3 POLE  
FEMALE

Pos A & B



VIEW FROM THE FRONT SIDE

| Pin | Wire color |
|-----|------------|
| 1   | BROWN      |
| 2   | -          |
| 3   | BLUE       |
| 4   | BLACK      |

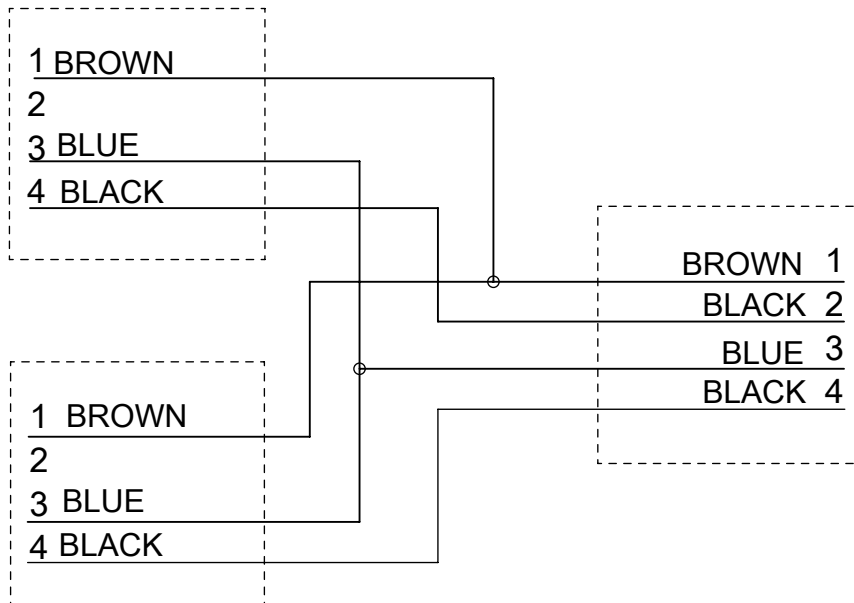
NOTES:  
ELECTRICAL DATA:  
VOLTAGE RATING: 250V  
AMPERAGE RATING: 4A  
INSULATION RESISTANCE: 10<sup>8</sup> Ω MIN.  
MATING CYCLES: MIN. 100

ENVIRONMENTAL:  
PROTECTION: IP67  
OPERATING TEMPERATURE:  
STATIC: -25°C TO +80°C  
FLEXING: -5°C TO +80°C

Pos B  
Female M12

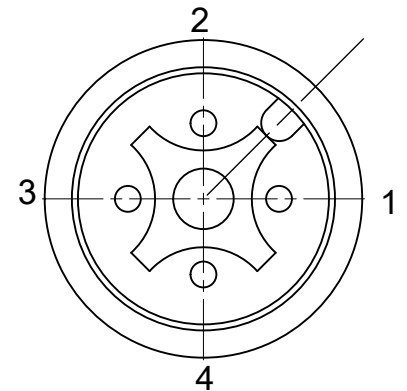
Pos A  
Female M12

WIRING DIAGRAM



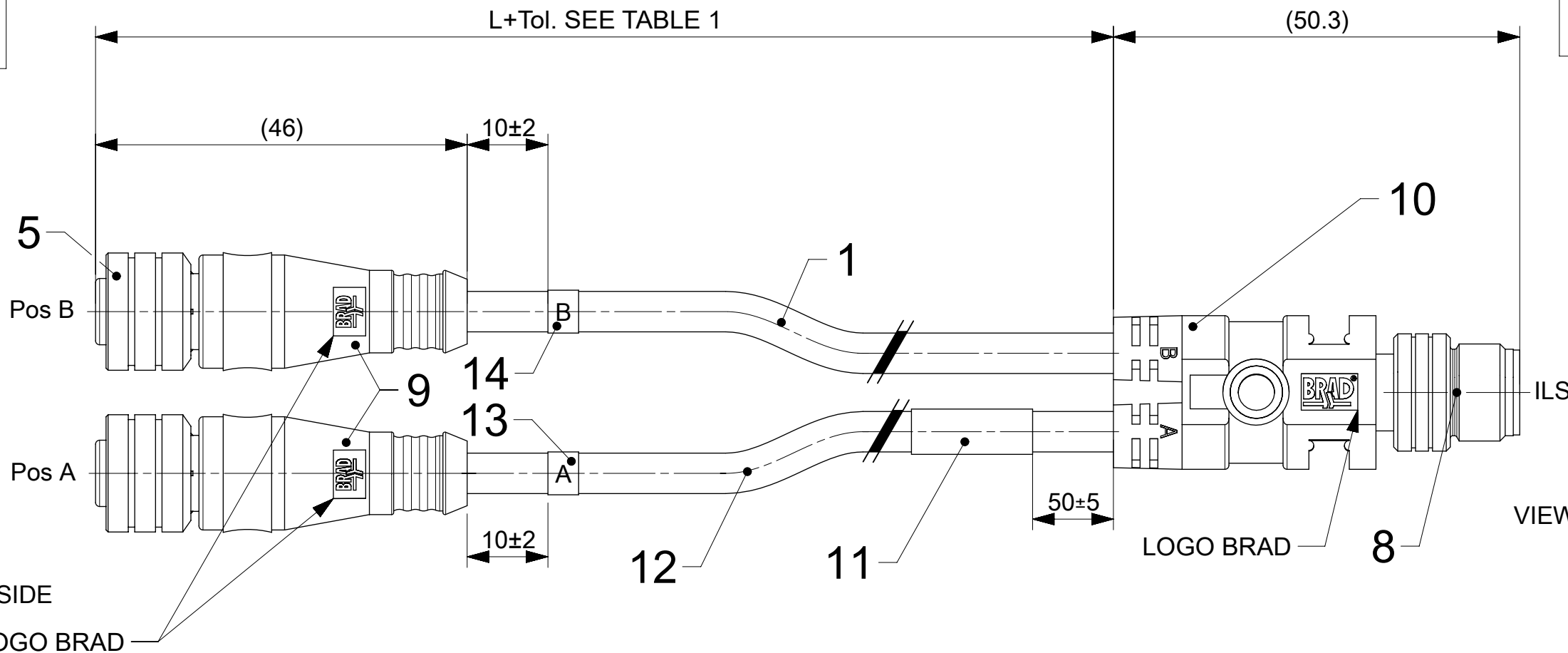
ILS  
Male M12

ILS M12 4 POLE  
MALE



VIEW FROM THE FRONT SIDE

| Pin | Wire color |
|-----|------------|
| 1   | BROWN A+B  |
| 2   | BLACK B    |
| 3   | BLUE A+B   |
| 4   | BLACK A    |



VIEW FROM THE FRONT SIDE

LOGO BRAD

VIEW FROM THE FRONT SIDE

NOTES:  
1. DIMENSION WITHOUT TOLERANCE ARE REFERENTIAL  
2. FOR CABLES IXX AND IF IN MATRIX IS "H" - ADD ID-CARRIER'S ON THE BOTH SIDES HARNESS  
3. BOM - SEE SHEET 2  
4. MATRIX - SEE SHEET 2

| FUNCTIONAL SYMBOLS                                   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |       | CURRENT REV DESC: CHANGED FROM MOLEX INTERNAL TO GENERAL MARKET |         |        |                 | molex          |              |  |  |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------|---------|--------|-----------------|----------------|--------------|--|--|
|                                                      | DIMENSION UNITS                                                                                                                               | SCALE |                                                                 |         |        |                 |                |              |  |  |
| FA = 0                                               | mm                                                                                                                                            | 3:2   |                                                                 |         |        |                 |                |              |  |  |
| FE = 0                                               | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |       |                                                                 |         |        |                 |                |              |  |  |
| FE = 0                                               | ANGULAR TOL ± °                                                                                                                               |       |                                                                 |         |        |                 |                |              |  |  |
| DIVISIONAL SYMBOLS                                   | 4 PLACES                                                                                                                                      | ±     |                                                                 |         |        |                 |                |              |  |  |
|                                                      | 3 PLACES                                                                                                                                      | ±     |                                                                 |         |        |                 |                |              |  |  |
|                                                      | 2 PLACES                                                                                                                                      | ±     |                                                                 |         |        |                 |                |              |  |  |
|                                                      | 1 PLACE                                                                                                                                       | ±     |                                                                 |         |        |                 |                |              |  |  |
|                                                      | 0 PLACES                                                                                                                                      | ±     |                                                                 |         |        |                 |                |              |  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                                                                                                                               |       | THIRD ANGLE PROJECTION                                          | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER       | SHEET NUMBER |  |  |
|                                                      |                                                                                                                                               |       |                                                                 | A3-SIZE | 120009 | SEE TABLE       | GENERAL MARKET | 1 OF 2       |  |  |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2022/05/20 | 09:56:11 |
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10

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8

4

A

3

0

X

X

X

M

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88 = M12 - M12

POLES:  
4 = 4 POLES

HEADER:  
A0 = 2x FEMALE STRAIGHT  
TO MALE ILS HEAD

CABLE TYPE:  
E03 = 0.34mm<sup>2</sup>, PVC BLACK  
I03 = 0.34mm<sup>2</sup>, PVC GREY  
S20 = 0.34mm<sup>2</sup>, PVC YELLOW  
P03 = 0.34mm<sup>2</sup>, PUR BLACK  
P82 = 0.34mm<sup>2</sup>, PUR ORANGE  
K05 = 0.34mm<sup>2</sup>, TPE YELLOW  
H09 = 0.34mm<sup>2</sup>, PUR BLACK

UNIT:  
M = METER  
F = FEET

LENGTH:  
EXAMPLE:  
010 = 1 m  
050 = 5 m  
100 = 10 m

OVERMOULD COLOR:  
BLANK = YELLOW  
A = GREY  
G = BLACK

COUPLING NUT:  
BLANK = STANDARD  
1 = NIERDZEWNA HEX / SS  
5 = DERLIN  
7 = TEFLON  
9 = KNU/HEX  
H = 2 PCS. OF I/D CARRIER

OPTIONS

1

2

3

4

5

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13

14

MOLEX P/N

E03 - 1202090001  
I03 - 1302190015  
S20 - 1202092254  
P03 - 1202090003  
P82 - 1202090007  
K05 - 1302090060  
H09 - 1202094475

1202060002

1202050001

1202080003

1202070007  
5 - 1203290009  
7 - 1202070014  
9 - 1202070086

1202040002

1202080008

1202070008  
5 - 1203290004  
7 - 1202070068  
9 - 1202070088

899921504  
967550209

1302190015

1203120439

0908486995

859993604

859993605

1203010001

QTY.

-

6

4

2

1

1

1

-

-

1

1

1

1

2

DESCRIPTION

CABLE

CONTACT FEMALE

CONTACT MALE

INSERT M12 FEMALE 3P

COUPLING NUT M12 FEMALE

GASKET

INSERT M12 MALE 4P

COUPLING NUT M12 MALE

OVERMOULD M12

OVERMOULD ILS

CENTRE SPACER

STANDARD LABEL

LABEL A

LABEL B

ID CARRIER - PATRZ UWAGA 3  
SEE NOTE 3

MATERIAL

TPU

BRASS

BRASS

TPU

SEE MATRIX

FPM

PUR

BRASS

TPU

PVC

PVC

VINYL

VINYL

VINYL

PVC

FINISH/COLOR

BLACK

GOLD OVER  
Ni-PLATED

GOLD OVER  
Ni-PLATED

BLACK

-

RED

BLACK

Ni-PLATED

YELLOW

YELLOW

YELLOW

YELLOW

WHITE

WHITE

TRANSPARENT

SEE MATRIX

1

2

3

4

5

6

7

8

9

10

10

11

12

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14

MOLEX PN

1200090087  
1200090088  
1200090089  
1200090090  
1200685006  
1200685027  
1200685028  
1200688013  
1200688015  
1200688096  
1200688152  
1200688155  
1200688158  
1200688168  
1200685007  
1200685030  
1200688016  
1200688017  
1200688025  
1200688136  
1200688139  
1200090091  
1200090092

ENGINEERING No.

884A30E03M010  
884A30E03M0205  
884A30E03M0505  
884A30E03M0755  
884A30E03M030  
884A30E03M006  
884A30E03M020  
884A30E03M015  
884A30E03M050  
884A30E03M003  
884A30E03M002  
884A30E03M002H  
884A30E03M040  
884A30E03M070  
884A30I03M003  
884A30I03M020  
884A30I03M010  
884A30I03M030  
884A30S20M010H  
884A30S20M003H  
884A30S20M005H  
884A30P03M003  
884A30P03M020

L [mm]

1000+56  
2000+89  
5000+156  
7500+317  
3000+89  
600+45  
2000+89  
15000+56  
5000+165  
300+19  
200+19  
200+19  
4000+165  
7000+165  
300+19  
2000+89  
1000+56  
3000+89  
1000+56  
300+19  
500+45  
300+19  
2000+89

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MOLEX PN

1200090093  
1200688018  
1200688019  
1200688020  
1200688021  
1200698157  
1200688270  
1200090094  
1200090095  
1200685023  
1200688127  
1200680196  
1200688153  
1200688154  
1200688169  
1200688214  
1200688138  
1200688143  
1200688144  
1200680195

ENGINEERING No.

884A30P03M030  
884A30P03M005  
884A30P03M006  
884A30P03M010  
884A30P03M050  
884A30P03M006H  
884A30P03M100  
884A30P82M003  
884A30P82M0067  
884A30P82M0037  
884A30P82M0107  
884A30K05M006  
884A30H09M020  
884A30H09M040  
884A30H09M005  
884A30H09M0039  
884A30H09M003  
884A30H09M010  
884A30H09M050  
884A30K05M003

L [mm]

3000+89  
500+45  
600+45  
1000+56  
5000+165  
600+45  
10000+317  
300+19  
600+45  
300+19  
1000+56  
600+45  
2000+89  
4000+165  
500+45  
300+19  
300+19  
1000+56  
5000+165  
300+19

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FORMAT: master-b-prod-A3  
REVISION: 11  
DATE: 2021/05/01

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FUNCTIONAL SYMBOLS

FA

=

0

FE

=

0

FE

=

0

DIVISIONAL SYMBOLS

3 PLACES

2 PLACES

1 PLACE

0 PLACES

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

ANGULAR TOL ± °

4 PLACES ±

CURRENT REV DESC: CHANGED FROM MOLEX  
INTERNAL TO GENERAL MARKET

EC NO: 707539  
DRWN: RS

[illegible][illegible]

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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|    | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| F  | <div><div><div><div><div>PART NO MATRIX</div></div></div><div><div><div><div>8</div><div>8</div></div><div>4</div><div>A</div><div>3</div><div>0</div><div>X</div><div>X</div><div>X</div><div>M</div><div>*</div><div>*</div><div>*</div><div>*</div><div>*</div></div><div><div>88 = M12 - M12</div><div>POLES:<br/>4 = 4 POLES</div><div>HEADER:<br/>A0 = 2x FEMALE STRAIGHT<br/>TO MALE ILS HEAD</div><div>CABLE TYPE:<br/>E03 = 0.34mm<sup>2</sup>, PVC BLACK<br/>I03 = 0.34mm<sup>2</sup>, PVC GREY<br/>S20 = 0.34mm<sup>2</sup>, PVC YELLOW<br/>P03 = 0.34mm<sup>2</sup>, PUR BLACK<br/>P82 = 0.34mm<sup>2</sup>, PUR ORANGE<br/>K05 = 0.34mm<sup>2</sup>, TPE YELLOW<br/>H09 = 0.34mm<sup>2</sup>, PUR BLACK</div><div>UNIT:<br/>M = METER<br/>F = FEET</div><div>LENGTH:<br/>EXAMPLE:<br/>010 = 1 m<br/>050 = 5 m<br/>100 = 10 m</div><div>OVERMOULD COLOR:<br/>BLANK = YELLOW<br/>A = GREY<br/>G = BLACK</div><div>COUPLING NUT:<br/>BLANK = STANDARD<br/>1 = NIERDZEWNA HEX / SS<br/>5 = DERLIN<br/>7 = TEFLON<br/>9 = KNU/HEX<br/>H = 2 PCS. OF I/D CARRIER</div></div></div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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| E  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| D  | <div><div><div><div><div><div>PART LIST</div></div></div><table><tr><td>Lp</td><td>MOLEX PN</td><td>ENGINEERING No.</td><td>L [mm]</td><td>Lp</td><td>MOLEX PN</td><td>ENGINEERING No.</td><td>L [mm]</td></tr><tr><td>1</td><td>1200090087</td><td>884A30E03M010</td><td>1000+56</td><td>24</td><td>1200090093</td><td>884A30P03M030</td><td>3000+89</td></tr><tr><td>2</td><td>1200090088</td><td>884A30E03M0205</td><td>2000+89</td><td>25</td><td>1200688018</td><td>884A30P03M005</td><td>500+45</td></tr><tr><td>3</td><td>1200090089</td><td>884A30E03M0505</td><td>5000+156</td><td>26</td><td>1200688019</td><td>884A30P03M006</td><td>600+45</td></tr><tr><td>4</td><td>1200090090</td><td>884A30E03M0755</td><td>7500+317</td><td>27</td><td>1200688020</td><td>884A30P03M010</td><td>1000+56</td></tr><tr><td>5</td><td>1200685006</td><td>884A30E03M030</td><td>3000+89</td><td>28</td><td>1200688021</td><td>884A30P03M050</td><td>5000+165</td></tr><tr><td>6</td><td>1200685027</td><td>884A30E03M006</td><td>600+45</td><td>29</td><td>1200698157</td><td>884A30P03M006H</td><td>600+45</td></tr><tr><td>7</td><td>1200685028</td><td>884A30E03M020</td><td>2000+89</td><td>30</td><td>1200688270</td><td>884A30P03M100</td><td>10000+317</td></tr><tr><td>8</td><td>1200688013</td><td>884A30E03M015</td><td>15000+56</td><td>31</td><td>1200090094</td><td>884A30P82M003</td><td>300+19</td></tr><tr><td>9</td><td>1200688015</td><td>884A30E03M050</td><td>5000+165</td><td>32</td><td>1200090095</td><td>884A30P82M0067</td><td>600+45</td></tr><tr><td>10</td><td>1200688096</td><td>884A30E03M003</td><td>300+19</td><td>33</td><td>1200685023</td><td>884A30P82M0037</td><td>300+19</td></tr><tr><td>11</td><td>1200688152</td><td>884A30E03M002</td><td>200+19</td><td>34</td><td>1200688127</td><td>884A30P82M0107</td><td>1000+56</td></tr><tr><td>12</td><td>1200688155</td><td>884A30E03M002H</td><td>200+19</td><td>35</td><td>1200680196</td><td>884A30K05M006</td><td>600+45</td></tr><tr><td>13</td><td>1200688158</td><td>884A30E03M040</td><td>4000+165</td><td>36</td><td>1200688153</td><td>884A30H09M020</td><td>2000+89</td></tr><tr><td>14</td><td>1200688168</td><td>884A30E03M070</td><td>7000+165</td><td>37</td><td>1200688154</td><td>884A30H09M040</td><td>4000+165</td></tr><tr><td>15</td><td>1200685007</td><td>884A30I03M003</td><td>300+19</td><td>38</td><td>1200688169</td><td>884A30H09M005</td><td>500+45</td></tr><tr><td>16</td><td>1200685030</td><td>884A30I03M020</td><td>2000+89</td><td>39</td><td>1200688214</td><td>884A30H09M0039</td><td>300+19</td></tr><tr><td>17</td><td>1200688016</td><td>884A30I03M010</td><td>1000+56</td><td>40</td><td>1200688138</td><td>884A30H09M003</td><td>300+19</td></tr><tr><td>18</td><td>1200688017</td><td>884A30I03M030</td><td>3000+89</td><td>41</td><td>1200688143</td><td>884A30H09M010</td><td>1000+56</td></tr><tr><td>19</td><td>1200688025</td><td>884A30S20M010H</td><td>1000+56</td><td>42</td><td>1200688144</td><td>884A30H09M050</td><td>5000+165</td></tr><tr><td>20</td><td>1200688136</td><td>884A30S20M003H</td><td>300+19</td><td>43</td><td>1200680195</td><td>884A30K05M003</td><td>300+19</td></tr><tr><td>21</td><td>1200688139</td><td>884A30S20M005H</td><td>500+45</td><td></td><td></td><td></td><td></td></tr><tr><td>22</td><td>1200090091</td><td>884A30P03M003</td><td>300+19</td><td></td><td></td><td></td><td></td></tr><tr><td>23</td><td>1200090092</td><td>884A30P03M020</td><td>2000+89</td><td></td><td></td><td></td><td></td></tr></table></div><div><div><div>SEE MATRIX</div><div><div><div><div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>10</div><div>11</div><div>12</div><div>13</div><div>14</div></div><div><div><div><div>MOLEX P/N</div><div>E03 - 1202090001<br/>I03 - 1302190015<br/>S20 - 1202092254<br/>P03 - 1202090003<br/>P82 - 1202090007<br/>K05 - 1302090060<br/>H09 - 1202094475</div><div>1202060002</div><div>1202050001</div><div>1202080003</div><div>1202070007<br/>5 - 1203290009<br/>7 - 1202070014<br/>9 - 1202070086</div><div>1202040002</div><div>1202080008</div><div>1202070008<br/>5 - 1203290004<br/>7 - 1202070068<br/>9 - 1202070088</div><div>899921504<br/>967550209</div><div>1302190015</div><div>1203120439</div><div>0908486995</div><div>859993604</div><div>859993605</div><div>1203010001</div></div><div><div><div>QTY.</div><div>-</div><div>6</div><div>4</div><div>2</div><div>1</div><div>1</div><div>-</div><div>-</div><div>1</div><div>1</div><div>1</div><div>1</div><div>1</div><div>2</div></div><div><div><div>DESCRIPTION</div><div>CABLE</div><div>CONTACT FEMALE</div><div>CONTACT MALE</div><div>INSERT M12 FEMALE 3P</div><div>COUPLING NUT M12 FEMALE</div><div>GASKET</div><div>INSERT M12 MALE 4P</div><div>COUPLING NUT M12 MALE</div><div>OVERMOULD M12</div><div>OVERMOULD ILS</div><div>CENTRE SPACER</div><div>STANDARD LABEL</div><div>LABEL A</div><div>LABEL B</div><div>ID CARRIER - PATRZ UWAGA 3<br/>SEE NOTE 3</div></div><div><div><div>MATERIAL</div><div>TPU</div><div>BRASS</div><div>BRASS</div><div>TPU</div><div>SEE MATRIX</div><div>FPM</div><div>PUR</div><div>BRASS</div><div>TPU</div><div>PVC</div><div>PVC</div><div>VINYL</div><div>VINYL</div><div>VINYL</div><div>PVC</div></div><div><div><div>FINISH/COLOR</div><div>BLACK</div><div>GOLD OVER<br/>Ni-PLATED</div><div>GOLD OVER<br/>Ni-PLATED</div><div>BLACK</div><div>-</div><div>RED</div><div>BLACK</div><div>Ni-PLATED</div><div>YELLOW</div><div>YELLOW</div><div>YELLOW</div><div>YELLOW</div><div>WHITE</div><div>WHITE</div><div>TRANSPARENT</div></div></div></div></div></div></div></div></div></div></div></div></div></div></div> |                 |          |    |            |                 |           |   |   |   | Lp | MOLEX PN | ENGINEERING No. | L [mm] | Lp | MOLEX PN | ENGINEERING No. | L [mm] | 1 | 1200090087 | 884A30E03M010 | 1000+56 | 24 | 1200090093 | 884A30P03M030 | 3000+89 | 2 | 1200090088 | 884A30E03M0205 | 2000+89 | 25 | 1200688018 | 884A30P03M005 | 500+45 | 3 | 1200090089 | 884A30E03M0505 | 5000+156 | 26 | 1200688019 | 884A30P03M006 | 600+45 | 4 | 1200090090 | 884A30E03M0755 | 7500+317 | 27 | 1200688020 | 884A30P03M010 | 1000+56 | 5 | 1200685006 | 884A30E03M030 | 3000+89 | 28 | 1200688021 | 884A30P03M050 | 5000+165 | 6 | 1200685027 | 884A30E03M006 | 600+45 | 29 | 1200698157 | 884A30P03M006H | 600+45 | 7 | 1200685028 | 884A30E03M020 | 2000+89 | 30 | 1200688270 | 884A30P03M100 | 10000+317 | 8 | 1200688013 | 884A30E03M015 | 15000+56 | 31 | 1200090094 | 884A30P82M003 | 300+19 | 9 | 1200688015 | 884A30E03M050 | 5000+165 | 32 | 1200090095 | 884A30P82M0067 | 600+45 | 10 | 1200688096 | 884A30E03M003 | 300+19 | 33 | 1200685023 | 884A30P82M0037 | 300+19 | 11 | 1200688152 | 884A30E03M002 | 200+19 | 34 | 1200688127 | 884A30P82M0107 | 1000+56 | 12 | 1200688155 | 884A30E03M002H | 200+19 | 35 | 1200680196 | 884A30K05M006 | 600+45 | 13 | 1200688158 | 884A30E03M040 | 4000+165 | 36 | 1200688153 | 884A30H09M020 | 2000+89 | 14 | 1200688168 | 884A30E03M070 | 7000+165 | 37 | 1200688154 | 884A30H09M040 | 4000+165 | 15 | 1200685007 | 884A30I03M003 | 300+19 | 38 | 1200688169 | 884A30H09M005 | 500+45 | 16 | 1200685030 | 884A30I03M020 | 2000+89 | 39 | 1200688214 | 884A30H09M0039 | 300+19 | 17 | 1200688016 | 884A30I03M010 | 1000+56 | 40 | 1200688138 | 884A30H09M003 | 300+19 | 18 | 1200688017 | 884A30I03M030 | 3000+89 | 41 | 1200688143 | 884A30H09M010 | 1000+56 | 19 | 1200688025 | 884A30S20M010H | 1000+56 | 42 | 1200688144 | 884A30H09M050 | 5000+165 | 20 | 1200688136 | 884A30S20M003H | 300+19 | 43 | 1200680195 | 884A30K05M003 | 300+19 | 21 | 1200688139 | 884A30S20M005H | 500+45 |  |  |  |  | 22 | 1200090091 | 884A30P03M003 | 300+19 |  |  |  |  | 23 | 1200090092 | 884A30P03M020 | 2000+89 |  |  |  |  | D |
| Lp | MOLEX PN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ENGINEERING No. | L [mm]   | Lp | MOLEX PN   | ENGINEERING No. | L [mm]    |   |   |   |    |          |                 |        |    |          |                 |        |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |         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| 1  | 1200090087                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 2  | 1200090088                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 3  | 1200090089                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                |        |    |            |               |        |    |            |               |          |    |            |               |         |    |            |               |          |    |            |               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| 4  | 1200090090                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                |        |    |            |               |        |    |            |               |          |    |            |               |         |    |            |               |          |    |            |               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| 5  | 1200685006                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 6  | 1200685027                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 7  | 1200685028                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 8  | 1200688013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 9  | 1200688015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 10 | 1200688096                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 11 | 1200688152                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 12 | 1200688155                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 13 | 1200688158                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 14 | 1200688168                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 15 | 1200685007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 16 | 1200685030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 17 | 1200688016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 18 | 1200688017                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 19 | 1200688025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 20 | 1200688136                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 21 | 1200688139                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 22 | 1200090091                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 23 | 1200090092                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| C  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| B  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| A  | <div><div><div><div><div>DOCUMENT STATUS</div><div>P1</div><div>RELEASE DATE</div><div>2022/05/20</div><div>09:56:11</div></div></div><div><div><div>9</div><div>8</div><div>7</div><div>6</div><div>5</div><div>4</div><div>3</div><div>2</div><div>1</div></div></div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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------|---|------------|---------------|---------|----|------------|---------------|---------|---|------------|----------------|---------|----|------------|---------------|--------|---|------------|----------------|----------|----|------------|---------------|--------|---|------------|----------------|----------|----|------------|---------------|---------|---|------------|---------------|---------|----|------------|---------------|----------|---|------------|---------------|--------|----|------------|----------------|--------|---|------------|---------------|---------|----|------------|---------------|-----------|---|------------|---------------|----------|----|------------|---------------|--------|---|------------|---------------|----------|----|------------|----------------|--------|----|------------|---------------|--------|----|------------|----------------|--------|----|------------|---------------|--------|----|------------|----------------|---------|----|------------|----------------|--------|----|------------|---------------|--------|----|------------|---------------|----------|----|------------|---------------|---------|----|------------|---------------|----------|----|------------|---------------|----------|----|------------|---------------|--------|----|------------|---------------|--------|----|------------|---------------|---------|----|------------|----------------|--------|----|------------|---------------|---------|----|------------|---------------|--------|----|------------|---------------|---------|----|------------|---------------|---------|----|------------|----------------|---------|----|------------|---------------|----------|----|------------|----------------|--------|----|------------|---------------|--------|----|------------|----------------|--------|--|--|--|--|----|------------|---------------|--------|--|--|--|--|----|------------|---------------|---------|--|--|--|--|
| F  | <div> <div> <div>PART NO MATRIX</div> <div> <div>88 = M12 - M12</div> <div> <div>POLES:<br/>4 = 4 POLES</div> <div> <div>HEADER:<br/>A0 = 2x FEMALE STRAIGHT TO MALE ILS HEAD</div> </div> </div> <div> <div>CABLE TYPE:<br/>E03 = 0.34mm<sup>2</sup>, PVC BLACK<br/>I03 = 0.34mm<sup>2</sup>, PVC GREY<br/>S20 = 0.34mm<sup>2</sup>, PVC YELLOW<br/>P03 = 0.34mm<sup>2</sup>, PUR BLACK<br/>P82 = 0.34mm<sup>2</sup>, PUR ORANGE<br/>K05 = 0.34mm<sup>2</sup>, TPE YELLOW<br/>H09 = 0.34mm<sup>2</sup>, PUR BLACK</div> <div> <div>UNIT:<br/>M = METER<br/>F = FEET</div> <div> <div>LENGTH:<br/>EXAMPLE:<br/>010 = 1 m<br/>050 = 5 m<br/>100 = 10 m</div> <div> <div>OVERMOULD COLOR:<br/>BLANK = YELLOW<br/>A = GREY<br/>G = BLACK</div> <div> <div>COUPLING NUT:<br/>BLANK = STANDARD<br/>1 = NIERDZEWNA HEX / SS<br/>5 = DERLIN<br/>7 = TEFLON<br/>9 = KNU/HEX<br/>H = 2 PCS. OF I/D CARRIER</div> </div> </div> </div> </div> </div> </div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| D  | <div> <div> <div>PART LIST</div> <table> <tr> <th>Lp</th><th>MOLEX PN</th><th>ENGINEERING No.</th><th>L [mm]</th><th>Lp</th><th>MOLEX PN</th><th>ENGINEERING No.</th><th>L [mm]</th></tr> <tr><td>1</td><td>1200090087</td><td>884A30E03M010</td><td>1000+56</td><td>24</td><td>1200090093</td><td>884A30P03M030</td><td>3000+89</td></tr> <tr><td>2</td><td>1200090088</td><td>884A30E03M0205</td><td>2000+89</td><td>25</td><td>1200688018</td><td>884A30P03M005</td><td>500+45</td></tr> <tr><td>3</td><td>1200090089</td><td>884A30E03M0505</td><td>5000+156</td><td>26</td><td>1200688019</td><td>884A30P03M006</td><td>600+45</td></tr> <tr><td>4</td><td>1200090090</td><td>884A30E03M0755</td><td>7500+317</td><td>27</td><td>1200688020</td><td>884A30P03M010</td><td>1000+56</td></tr> <tr><td>5</td><td>1200685006</td><td>884A30E03M030</td><td>3000+89</td><td>28</td><td>1200688021</td><td>884A30P03M050</td><td>5000+165</td></tr> <tr><td>6</td><td>1200685027</td><td>884A30E03M006</td><td>600+45</td><td>29</td><td>1200698157</td><td>884A30P03M006H</td><td>600+45</td></tr> <tr><td>7</td><td>1200685028</td><td>884A30E03M020</td><td>2000+89</td><td>30</td><td>1200688270</td><td>884A30P03M100</td><td>10000+317</td></tr> <tr><td>8</td><td>1200688013</td><td>884A30E03M015</td><td>15000+56</td><td>31</td><td>1200090094</td><td>884A30P82M003</td><td>300+19</td></tr> <tr><td>9</td><td>1200688015</td><td>884A30E03M050</td><td>5000+165</td><td>32</td><td>1200090095</td><td>884A30P82M0067</td><td>600+45</td></tr> <tr><td>10</td><td>1200688096</td><td>884A30E03M003</td><td>300+19</td><td>33</td><td>1200685023</td><td>884A30P82M0037</td><td>300+19</td></tr> <tr><td>11</td><td>1200688152</td><td>884A30E03M002</td><td>200+19</td><td>34</td><td>1200688127</td><td>884A30P82M0107</td><td>1000+56</td></tr> <tr><td>12</td><td>1200688155</td><td>884A30E03M002H</td><td>200+19</td><td>35</td><td>1200680196</td><td>884A30K05M006</td><td>600+45</td></tr> <tr><td>13</td><td>1200688158</td><td>884A30E03M040</td><td>4000+165</td><td>36</td><td>1200688153</td><td>884A30H09M020</td><td>2000+89</td></tr> <tr><td>14</td><td>1200688168</td><td>884A30E03M070</td><td>7000+165</td><td>37</td><td>1200688154</td><td>884A30H09M040</td><td>4000+165</td></tr> <tr><td>15</td><td>1200685007</td><td>884A30I03M003</td><td>300+19</td><td>38</td><td>1200688169</td><td>884A30H09M005</td><td>500+45</td></tr> <tr><td>16</td><td>1200685030</td><td>884A30I03M020</td><td>2000+89</td><td>39</td><td>1200688214</td><td>884A30H09M0039</td><td>300+19</td></tr> <tr><td>17</td><td>1200688016</td><td>884A30I03M010</td><td>1000+56</td><td>40</td><td>1200688138</td><td>884A30H09M003</td><td>300+19</td></tr> <tr><td>18</td><td>1200688017</td><td>884A30I03M030</td><td>3000+89</td><td>41</td><td>1200688143</td><td>884A30H09M010</td><td>1000+56</td></tr> <tr><td>19</td><td>1200688025</td><td>884A30S20M010H</td><td>1000+56</td><td>42</td><td>1200688144</td><td>884A30H09M050</td><td>5000+165</td></tr> <tr><td>20</td><td>1200688136</td><td>884A30S20M003H</td><td>300+19</td><td>43</td><td>1200680195</td><td>884A30K05M003</td><td>300+19</td></tr> <tr><td>21</td><td>1200688139</td><td>884A30S20M005H</td><td>500+45</td><td></td><td></td><td></td><td></td></tr> <tr><td>22</td><td>1200090091</td><td>884A30P03M003</td><td>300+19</td><td></td><td></td><td></td><td></td></tr> <tr><td>23</td><td>1200090092</td><td>884A30P03M020</td><td>2000+89</td><td></td><td></td><td></td><td></td></tr> </table> </div> <div> <div>SEE MATRIX</div> <div> <div> <div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> <div>6</div> <div>7</div> <div>8</div> <div>9</div> <div>10</div> <div>10</div> <div>11</div> <div>12</div> <div>13</div> <div>14</div> </div> <div> <div> <div>MOLEX P/N</div> <div>E03 - 1202090001<br/>I03 - 1302190015<br/>S20 - 1202092254<br/>P03 - 1202090003<br/>P82 - 1202090007<br/>K05 - 1302090060<br/>H09 - 1202094475</div> <div>1202060002</div> <div>1202050001</div> <div>1202080003</div> <div>1202070007<br/>5 - 1203290009<br/>7 - 1202070014<br/>9 - 1202070086</div> <div>1202040002</div> <div>1202080008</div> <div>1202070008<br/>5 - 1203290004<br/>7 - 1202070068<br/>9 - 1202070088</div> <div>899921504<br/>967550209</div> <div>1302190015</div> <div>1203120439</div> <div>0908486995</div> <div>859993604</div> <div>859993605</div> <div>1203010001</div> </div> <div> <div>QTY.</div> <div>-</div> <div>6</div> <div>4</div> <div>2</div> <div>1</div> <div>1</div> <div>1</div> <div>-</div> <div>-</div> <div>1</div> <div>1</div> <div>1</div> <div>1</div> <div>2</div> </div> <div> <div>DESCRIPTION</div> <div>CABLE</div> <div>CONTACT FEMALE</div> <div>CONTACT MALE</div> <div>INSERT M12 FEMALE 3P</div> <div>COUPLING NUT M12 FEMALE</div> <div>GASKET</div> <div>INSERT M12 MALE 4P</div> <div>COUPLING NUT M12 MALE</div> <div>OVERMOULD M12</div> <div>OVERMOULD ILS</div> </div></div></div></div></div></div> | Lp              | MOLEX PN | ENGINEERING No. | L [mm]     | Lp              | MOLEX PN  | ENGINEERING No. | L [mm] | 1 | 1200090087 | 884A30E03M010 | 1000+56 | 24 | 1200090093 | 884A30P03M030 | 3000+89 | 2 | 1200090088 | 884A30E03M0205 | 2000+89 | 25 | 1200688018 | 884A30P03M005 | 500+45 | 3 | 1200090089 | 884A30E03M0505 | 5000+156 | 26 | 1200688019 | 884A30P03M006 | 600+45 | 4 | 1200090090 | 884A30E03M0755 | 7500+317 | 27 | 1200688020 | 884A30P03M010 | 1000+56 | 5 | 1200685006 | 884A30E03M030 | 3000+89 | 28 | 1200688021 | 884A30P03M050 | 5000+165 | 6 | 1200685027 | 884A30E03M006 | 600+45 | 29 | 1200698157 | 884A30P03M006H | 600+45 | 7 | 1200685028 | 884A30E03M020 | 2000+89 | 30 | 1200688270 | 884A30P03M100 | 10000+317 | 8 | 1200688013 | 884A30E03M015 | 15000+56 | 31 | 1200090094 | 884A30P82M003 | 300+19 | 9 | 1200688015 | 884A30E03M050 | 5000+165 | 32 | 1200090095 | 884A30P82M0067 | 600+45 | 10 | 1200688096 | 884A30E03M003 | 300+19 | 33 | 1200685023 | 884A30P82M0037 | 300+19 | 11 | 1200688152 | 884A30E03M002 | 200+19 | 34 | 1200688127 | 884A30P82M0107 | 1000+56 | 12 | 1200688155 | 884A30E03M002H | 200+19 | 35 | 1200680196 | 884A30K05M006 | 600+45 | 13 | 1200688158 | 884A30E03M040 | 4000+165 | 36 | 1200688153 | 884A30H09M020 | 2000+89 | 14 | 1200688168 | 884A30E03M070 | 7000+165 | 37 | 1200688154 | 884A30H09M040 | 4000+165 | 15 | 1200685007 | 884A30I03M003 | 300+19 | 38 | 1200688169 | 884A30H09M005 | 500+45 | 16 | 1200685030 | 884A30I03M020 | 2000+89 | 39 | 1200688214 | 884A30H09M0039 | 300+19 | 17 | 1200688016 | 884A30I03M010 | 1000+56 | 40 | 1200688138 | 884A30H09M003 | 300+19 | 18 | 1200688017 | 884A30I03M030 | 3000+89 | 41 | 1200688143 | 884A30H09M010 | 1000+56 | 19 | 1200688025 | 884A30S20M010H | 1000+56 | 42 | 1200688144 | 884A30H09M050 | 5000+165 | 20 | 1200688136 | 884A30S20M003H | 300+19 | 43 | 1200680195 | 884A30K05M003 | 300+19 | 21 | 1200688139 | 884A30S20M005H | 500+45 |  |  |  |  | 22 | 1200090091 | 884A30P03M003 | 300+19 |  |  |  |  | 23 | 1200090092 | 884A30P03M020 | 2000+89 |  |  |  |  |
| Lp | MOLEX PN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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 |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                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| 1  | 1200090087                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                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| 2  | 1200090088                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                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| 3  | 1200090089                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                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| 4  | 1200090090                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                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| 5  | 1200685006                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                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| 6  | 1200685027                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                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| 7  | 1200685028                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                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| 8  | 1200688013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                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| 9  | 1200688015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                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| 10 | 1200688096                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                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| 11 | 1200688152                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                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| 12 | 1200688155                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                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| 13 | 1200688158                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                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| 14 | 1200688168                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                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| 15 | 1200685007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                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| 16 | 1200685030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                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| 17 | 1200688016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                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| 18 | 1200688017                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                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| 19 | 1200688025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                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| 20 | 1200688136                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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 |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                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| 21 | 1200688139                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 22 | 1200090091                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 23 | 1200090092                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| F  | <div><div>PART NO MATRIX</div><div><div><div>8</div><div>8</div></div><div>88 = M12 - M12</div></div><div><div><div>4</div></div><div>POLES:<br/>4 = 4 POLES</div></div><div><div><div>A</div><div>3</div><div>0</div></div><div>HEADER:<br/>A0 = 2x FEMALE STRAIGHT<br/>TO MALE ILS HEAD</div></div><div><div><div>X</div><div>X</div><div>X</div></div><div>CABLE TYPE:<br/>E03 = 0.34mm<sup>2</sup>, PVC BLACK<br/>I03 = 0.34mm<sup>2</sup>, PVC GREY<br/>S20 = 0.34mm<sup>2</sup>, PVC YELLOW<br/>P03 = 0.34mm<sup>2</sup>, PUR BLACK<br/>P82 = 0.34mm<sup>2</sup>, PUR ORANGE<br/>K05 = 0.34mm<sup>2</sup>, TPE YELLOW<br/>H09 = 0.34mm<sup>2</sup>, PUR BLACK</div></div><div><div>M</div><div>UNIT:<br/>M = METER<br/>F = FEET</div></div><div><div><div>*</div><div>*</div><div>*</div></div><div>LENGTH:<br/>EXAMPLE:<br/>010 = 1 m<br/>050 = 5 m<br/>100 = 10 m</div></div><div><div><div>*</div><div>*</div></div><div>OVERMOULD COLOR:<br/>BLANK = YELLOW<br/>A = GREY<br/>G = BLACK</div></div><div><div><div>*</div><div>*</div></div><div>COUPLING NUT:<br/>BLANK = STANDARD<br/>1 = NIERDZEWNA HEX / SS<br/>5 = DERLIN<br/>7 = TEFLON<br/>9 = KNU/HEX<br/>H = 2 PCS. OF I/D CARRIER</div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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| E  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| D  | <div><div>PART LIST</div><table><tr><td>Lp</td><td>MOLEX PN</td><td>ENGINEERING No.</td><td>L [mm]</td><td>Lp</td><td>MOLEX PN</td><td>ENGINEERING No.</td><td>L [mm]</td></tr><tr><td>1</td><td>1200090087</td><td>884A30E03M010</td><td>1000+56</td><td>24</td><td>1200090093</td><td>884A30P03M030</td><td>3000+89</td></tr><tr><td>2</td><td>1200090088</td><td>884A30E03M0205</td><td>2000+89</td><td>25</td><td>1200688018</td><td>884A30P03M005</td><td>500+45</td></tr><tr><td>3</td><td>1200090089</td><td>884A30E03M0505</td><td>5000+156</td><td>26</td><td>1200688019</td><td>884A30P03M006</td><td>600+45</td></tr><tr><td>4</td><td>1200090090</td><td>884A30E03M0755</td><td>7500+317</td><td>27</td><td>1200688020</td><td>884A30P03M010</td><td>1000+56</td></tr><tr><td>5</td><td>1200685006</td><td>884A30E03M030</td><td>3000+89</td><td>28</td><td>1200688021</td><td>884A30P03M050</td><td>5000+165</td></tr><tr><td>6</td><td>1200685027</td><td>884A30E03M006</td><td>600+45</td><td>29</td><td>1200698157</td><td>884A30P03M006H</td><td>600+45</td></tr><tr><td>7</td><td>1200685028</td><td>884A30E03M020</td><td>2000+89</td><td>30</td><td>1200688270</td><td>884A30P03M100</td><td>10000+317</td></tr><tr><td>8</td><td>1200688013</td><td>884A30E03M015</td><td>15000+56</td><td>31</td><td>1200090094</td><td>884A30P82M003</td><td>300+19</td></tr><tr><td>9</td><td>1200688015</td><td>884A30E03M050</td><td>5000+165</td><td>32</td><td>1200090095</td><td>884A30P82M0067</td><td>600+45</td></tr><tr><td>10</td><td>1200688096</td><td>884A30E03M003</td><td>300+19</td><td>33</td><td>1200685023</td><td>884A30P82M0037</td><td>300+19</td></tr><tr><td>11</td><td>1200688152</td><td>884A30E03M002</td><td>200+19</td><td>34</td><td>1200688127</td><td>884A30P82M0107</td><td>1000+56</td></tr><tr><td>12</td><td>1200688155</td><td>884A30E03M002H</td><td>200+19</td><td>35</td><td>1200680196</td><td>884A30K05M006</td><td>600+45</td></tr><tr><td>13</td><td>1200688158</td><td>884A30E03M040</td><td>4000+165</td><td>36</td><td>1200688153</td><td>884A30H09M020</td><td>2000+89</td></tr><tr><td>14</td><td>1200688168</td><td>884A30E03M070</td><td>7000+165</td><td>37</td><td>1200688154</td><td>884A30H09M040</td><td>4000+165</td></tr><tr><td>15</td><td>1200685007</td><td>884A30I03M003</td><td>300+19</td><td>38</td><td>1200688169</td><td>884A30H09M005</td><td>500+45</td></tr><tr><td>16</td><td>1200685030</td><td>884A30I03M020</td><td>2000+89</td><td>39</td><td>1200688214</td><td>884A30H09M0039</td><td>300+19</td></tr><tr><td>17</td><td>1200688016</td><td>884A30I03M010</td><td>1000+56</td><td>40</td><td>1200688138</td><td>884A30H09M003</td><td>300+19</td></tr><tr><td>18</td><td>1200688017</td><td>884A30I03M030</td><td>3000+89</td><td>41</td><td>1200688143</td><td>884A30H09M010</td><td>1000+56</td></tr><tr><td>19</td><td>1200688025</td><td>884A30S20M010H</td><td>1000+56</td><td>42</td><td>1200688144</td><td>884A30H09M050</td><td>5000+165</td></tr><tr><td>20</td><td>1200688136</td><td>884A30S20M003H</td><td>300+19</td><td>43</td><td>1200680195</td><td>884A30K05M003</td><td>300+19</td></tr><tr><td>21</td><td>1200688139</td><td>884A30S20M005H</td><td>500+45</td><td></td><td></td><td></td><td></td></tr><tr><td>22</td><td>1200090091</td><td>884A30P03M003</td><td>300+19</td><td></td><td></td><td></td><td></td></tr><tr><td>23</td><td>1200090092</td><td>884A30P03M020</td><td>2000+89</td><td></td><td></td><td></td><td></td></tr></table></div> <div><div>SEE MATRIX</div><div><div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>10</div><div>11</div><div>12</div><div>13</div><div>14</div></div><div><div>MOLEX P/N</div><div>E03 - 1202090001<br/>I03 - 1302190015<br/>S20 - 1202092254<br/>P03 - 1202090003<br/>P82 - 1202090007<br/>K05 - 1302090060<br/>H09 - 1202094475</div><div>1202060002</div><div>1202050001</div><div>1202080003</div><div>1202070007<br/>5 - 1203290009<br/>7 - 1202070014<br/>9 - 1202070086</div><div>1202040002</div><div>1202080008</div><div>1202070008<br/>5 - 1203290004<br/>7 - 1202070068<br/>9 - 1202070088</div><div>899921504<br/>967550209</div><div>1302190015</div><div>1203120439</div><div>0908486995</div><div>859993604</div><div>859993605</div><div>1203010001</div></div><div><div>QTY.</div><div>-</div><div>6</div><div>4</div><div>2</div><div>1</div><div>1</div><div>1</div><div>-</div><div>-</div><div>1</div><div>1</div><div>1</div><div>1</div><div>2</div></div><div><div>DESCRIPTION</div><div>CABLE</div><div>CONTACT FEMALE</div><div>CONTACT MALE</div><div>INSERT M12 FEMALE 3P</div><div>COUPLING NUT M12 FEMALE</div><div>GASKET</div><div>INSERT M12 MALE 4P</div><div>COUPLING NUT M12 MALE</div><div>OVERMOULD M12</div><div>OVERMOULD ILS</div><div>CENTRE SPACER</div><div>STANDARD LABEL</div><div>LABEL A</div><div>LABEL B</div><div>ID CARRIER - PATRZ UWAGA 3<br/>SEE NOTE 3</div></div><div><div>MATERIAL</div><div>TPU</div><div>BRASS</div><div>BRASS</div><div>TPU</div><div>SEE MATRIX</div><div>FPM</div><div>PUR</div><div>BRASS</div><div>TPU</div><div>PVC</div><div>PVC</div><div>VINYL</div><div>VINYL</div><div>VINYL</div><div>PVC</div></div><div><div>FINISH/COLOR</div><div>BLACK</div><div>GOLD OVER<br/>Ni-PLATED</div><div>GOLD OVER<br/>Ni-PLATED</div><div>BLACK</div><div>-</div><div>RED</div><div>BLACK</div><div>Ni-PLATED</div><div>YELLOW</div><div>YELLOW</div><div>YELLOW</div><div>YELLOW</div><div>WHITE</div><div>WHITE</div><div>TRANSPARENT</div></div></div></div> |                 |          |    |            |                 |           |   |   |   | Lp | MOLEX PN | ENGINEERING No. | L [mm] | Lp | MOLEX PN | ENGINEERING No. | L [mm] | 1 | 1200090087 | 884A30E03M010 | 1000+56 | 24 | 1200090093 | 884A30P03M030 | 3000+89 | 2 | 1200090088 | 884A30E03M0205 | 2000+89 | 25 | 1200688018 | 884A30P03M005 | 500+45 | 3 | 1200090089 | 884A30E03M0505 | 5000+156 | 26 | 1200688019 | 884A30P03M006 | 600+45 | 4 | 1200090090 | 884A30E03M0755 | 7500+317 | 27 | 1200688020 | 884A30P03M010 | 1000+56 | 5 | 1200685006 | 884A30E03M030 | 3000+89 | 28 | 1200688021 | 884A30P03M050 | 5000+165 | 6 | 1200685027 | 884A30E03M006 | 600+45 | 29 | 1200698157 | 884A30P03M006H | 600+45 | 7 | 1200685028 | 884A30E03M020 | 2000+89 | 30 | 1200688270 | 884A30P03M100 | 10000+317 | 8 | 1200688013 | 884A30E03M015 | 15000+56 | 31 | 1200090094 | 884A30P82M003 | 300+19 | 9 | 1200688015 | 884A30E03M050 | 5000+165 | 32 | 1200090095 | 884A30P82M0067 | 600+45 | 10 | 1200688096 | 884A30E03M003 | 300+19 | 33 | 1200685023 | 884A30P82M0037 | 300+19 | 11 | 1200688152 | 884A30E03M002 | 200+19 | 34 | 1200688127 | 884A30P82M0107 | 1000+56 | 12 | 1200688155 | 884A30E03M002H | 200+19 | 35 | 1200680196 | 884A30K05M006 | 600+45 | 13 | 1200688158 | 884A30E03M040 | 4000+165 | 36 | 1200688153 | 884A30H09M020 | 2000+89 | 14 | 1200688168 | 884A30E03M070 | 7000+165 | 37 | 1200688154 | 884A30H09M040 | 4000+165 | 15 | 1200685007 | 884A30I03M003 | 300+19 | 38 | 1200688169 | 884A30H09M005 | 500+45 | 16 | 1200685030 | 884A30I03M020 | 2000+89 | 39 | 1200688214 | 884A30H09M0039 | 300+19 | 17 | 1200688016 | 884A30I03M010 | 1000+56 | 40 | 1200688138 | 884A30H09M003 | 300+19 | 18 | 1200688017 | 884A30I03M030 | 3000+89 | 41 | 1200688143 | 884A30H09M010 | 1000+56 | 19 | 1200688025 | 884A30S20M010H | 1000+56 | 42 | 1200688144 | 884A30H09M050 | 5000+165 | 20 | 1200688136 | 884A30S20M003H | 300+19 | 43 | 1200680195 | 884A30K05M003 | 300+19 | 21 | 1200688139 | 884A30S20M005H | 500+45 |  |  |  |  | 22 | 1200090091 | 884A30P03M003 | 300+19 |  |  |  |  | 23 | 1200090092 | 884A30P03M020 | 2000+89 |  |  |  |  | D |
| Lp | MOLEX PN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ENGINEERING No. | L [mm]   | Lp | MOLEX PN   | ENGINEERING No. | L [mm]    |   |   |   |    |          |                 |        |    |          |                 |        |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |    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| 1  | 1200090087                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 2  | 1200090088                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 3  | 1200090089                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 884A30E03M0505  | 5000+156 | 26 | 1200688019 | 884A30P03M006   | 600+45    |   |   |   |    |          |                 |        |    |          |                 |        |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |    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| 4  | 1200090090                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 5  | 1200685006                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 6  | 1200685027                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 7  | 1200685028                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 8  | 1200688013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 9  | 1200688015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 10 | 1200688096                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 11 | 1200688152                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 12 | 1200688155                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 13 | 1200688158                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 14 | 1200688168                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 15 | 1200685007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 16 | 1200685030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 17 | 1200688016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 18 | 1200688017                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 884A30I03M030   | 3000+89  | 41 | 1200688143 | 884A30H09M010   | 1000+56   |   |   |   |    |          |                 |        |    |          |                 |        |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                |        |    |            |               |        |    |            |               |          |    |            |               |         |    |            |               |          |    |            |               |          |    |            |               |        |    |            |               |        |    |            |               |         |    |            |                |        |    |            |               |         |    |            |               |        |    |            |               |         |    |            |               |         |    |            |                |         |    |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |  |  |  |  |    |            |               |        |  |  |  |  |    |            |               |         |  |  |  |  |   |
| 19 | 1200688025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 884A30S20M010H  | 1000+56  | 42 | 1200688144 | 884A30H09M050   | 5000+165  |   |   |   |    |          |                 |        |    |          |                 |        |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                |        |    |            |               |        |    |            |               |          |    |            |               |         |    |            |               |          |    |            |               |          |    |            |               |        |    |            |               |        |    |            |               |         |    |            |                |        |    |            |               |         |    |            |               |        |    |            |               |         |    |            |               |         |    |            |                |         |    |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |  |  |  |  |    |            |               |        |  |  |  |  |    |            |               |         |  |  |  |  |   |
| 20 | 1200688136                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 884A30S20M003H  | 300+19   | 43 | 1200680195 | 884A30K05M003   | 300+19    |   |   |   |    |          |                 |        |    |          |                 |        |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                |        |    |            |               |        |    |            |               |          |    |            |               |         |    |            |               |          |    |            |               |          |    |            |               |        |    |            |               |        |    |            |               |         |    |            |                |        |    |            |               |         |    |            |               |        |    |            |               |         |    |            |               |         |    |            |                |         |    |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |  |  |  |  |    |            |               |        |  |  |  |  |    |            |               |         |  |  |  |  |   |
| 21 | 1200688139                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 884A30S20M005H  | 500+45   |    |            |                 |           |   |   |   |    |          |                 |        |    |          |                 |        |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                |        |    |            |               |        |    |            |               |          |    |            |               |         |    |            |               |          |    |            |               |          |    |            |               |        |    |            |               |        |    |            |               |         |    |            |                |        |    |            |               |         |    |            |               |        |    |            |               |         |    |            |               |         |    |            |                |         |    |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |  |  |  |  |    |            |               |        |  |  |  |  |    |            |               |         |  |  |  |  |   |
| 22 | 1200090091                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 884A30P03M003   | 300+19   |    |            |                 |           |   |   |   |    |          |                 |        |    |          |                 |        |   |            |               |         |    |            |               |         |   |            |                |         |    |            |               |        |   |            |                |          |    |            |               |        |   |            |                |          |    |            |               |         |   |            |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                |        |    |            |               |        |    |            |               |          |    |            |               |         |    |            |               |          |    |            |               |          |    |            |               |        |    |            |               |        |    |            |               |         |    |            |                |        |    |            |               |         |    |            |               |        |    |            |               |         |    |            |               |         |    |            |                |         |    |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |  |  |  |  |    |            |               |        |  |  |  |  |    |            |               |         |  |  |  |  |   |
| 23 | 1200090092                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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        |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                |        |    |            |               |        |    |            |               |          |    |            |               |         |    |            |               |          |    |            |               |          |    |            |               |        |    |            |               |        |    |            |               |         |    |            |                |        |    |            |               |         |    |            |               |        |    |            |               |         |    |            |               |         |    |            |                |         |    |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |  |  |  |  |    |            |               |        |  |  |  |  |    |            |               |         |  |  |  |  |   |
| C  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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        |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                |        |    |            |               |        |    |            |               |          |    |            |               |         |    |            |               |          |    |            |               |          |    |            |               |        |    |            |               |        |    |            |               |         |    |            |                |        |    |            |               |         |    |            |               |        |    |            |               |         |    |            |               |         |    |            |                |         |    |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |  |  |  |  |    |            |               |        |  |  |  |  |    |            |               |         |  |  |  |  |   |
| B  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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        |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                |        |    |            |               |        |    |            |               |          |    |            |               |         |    |            |               |          |    |            |               |          |    |            |               |        |    |            |               |        |    |            |               |         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| A  | <div><div>DOCUMENT STATUS</div><div>P1</div><div>RELEASE DATE</div><div>2022/05/20 09:56:11</div></div> <div><div>FORMAT: master-b-prod-A3</div><div>REVISION: 11</div><div>DATE: 2021/05/01</div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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        |               |         |    |            |               |          |   |            |               |        |    |            |                |        |   |            |               |         |    |            |               |           |   |            |               |          |    |            |               |        |   |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |    |            |               |        |    |            |                |         |    |            |                |        |    |            |               |        |    |            |               |          |    |            |               |         |    |            |               |          |    |            |               |          |    |            |               |        |    |            |               |        |    |            |               |         |    |            |                |        |    |            |               |         |    |            |               |        |    |            |               |         |    |            |               |         |    |            |                |         |    |            |               |          |    |            |                |        |    |            |               |        |    |            |                |        |  |  |  |  |    |            |               |        |  |  |  |  |    |            |               |         |  |  |  |  |   |

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88 = M12 - M12

POLES:  
4 = 4 POLES

HEADER:  
A0 = 2x FEMALE STRAIGHT  
TO MALE ILS HEAD

CABLE TYPE:  
E03 = 0.34mm<sup>2</sup>, PVC BLACK  
I03 = 0.34mm<sup>2</sup>, PVC GREY  
S20 = 0.34mm<sup>2</sup>, PVC YELLOW  
P03 = 0.34mm<sup>2</sup>, PUR BLACK  
P82 = 0.34mm<sup>2</sup>, PUR ORANGE  
K05 = 0.34mm<sup>2</sup>, TPE YELLOW  
H09 = 0.34mm<sup>2</sup>, PUR BLACK

UNIT:  
M = METER  
F = FEET

LENGTH:  
EXAMPLE:  
010 = 1 m  
050 = 5 m  
100 = 10 m

OVERMOULD COLOR:  
BLANK = YELLOW  
A = GREY  
G = BLACK

COUPLING NUT:  
BLANK = STANDARD  
1 = NIERDZEWNA HEX / SS  
5 = DERLIN  
7 = TEFLON  
9 = KNU/HEX  
H = 2 PCS. OF I/D CARRIER

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MOLEX P/N

E03 - 1202090001  
I03 - 1302190015  
S20 - 1202092254  
P03 - 1202090003  
P82 - 1202090007  
K05 - 1302090060  
H09 - 1202094475

1202060002

1202050001

1202080003

1202070007  
5 - 1203290009  
7 - 1202070014  
9 - 1202070086

1202040002

1202080008

1202070008  
5 - 1203290004  
7 - 1202070068  
9 - 1202070088

899921504  
967550209

1302190015

1203120439

0908486995

859993604

859993605

1203010001

QTY.

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DESCRIPTION

CABLE

CONTACT FEMALE

CONTACT MALE

INSERT M12 FEMALE 3P

COUPLING NUT M12 FEMALE

GASKET

INSERT M12 MALE 4P

COUPLING NUT M12 MALE

OVERMOULD M12

OVERMOULD ILS

CENTRE SPACER

STANDARD LABEL

LABEL A

LABEL B

ID CARRIER - PATRZ UWAGA 3  
SEE NOTE 3

MATERIAL

TPU

BRASS

BRASS

TPU

SEE MATRIX

FPM

PUR

BRASS

TPU

PVC

PVC

VINYL

VINYL

VINYL

PVC

FINISH/COLOR

BLACK

GOLD OVER  
Ni-PLATED

GOLD OVER  
Ni-PLATED

BLACK

-

RED

BLACK

Ni-PLATED

YELLOW

YELLOW

YELLOW

YELLOW

WHITE

WHITE

TRANSPARENT

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88 = M12 - M12

POLES:  
4 = 4 POLES

HEADER:  
A0 = 2x FEMALE STRAIGHT  
TO MALE ILS HEAD

CABLE TYPE:  
E03 = 0.34mm<sup>2</sup>, PVC BLACK  
I03 = 0.34mm<sup>2</sup>, PVC GREY  
S20 = 0.34mm<sup>2</sup>, PVC YELLOW  
P03 = 0.34mm<sup>2</sup>, PUR BLACK  
P82 = 0.34mm<sup>2</sup>, PUR ORANGE  
K05 = 0.34mm<sup>2</sup>, TPE YELLOW  
H09 = 0.34mm<sup>2</sup>, PUR BLACK

UNIT:  
M = METER  
F = FEET

LENGTH:  
EXAMPLE:  
010 = 1 m  
050 = 5 m  
100 = 10 m

OVERMOULD COLOR:  
BLANK = YELLOW  
A = GREY  
G = BLACK

COUPLING NUT:  
BLANK = STANDARD  
1 = NIERDZEWNA HEX / SS  
5 = DERLIN  
7 = TEFLON  
9 = KNU/HEX  
H = 2 PCS. OF I/D CARRIER

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MOLEX PN

1200090087  
1200090088  
1200090089  
1200090090  
1200685006  
1200685027  
1200685028  
1200688013  
1200688015  
1200688096  
1200688152  
1200688155  
1200688158  
1200688168  
1200685007  
1200685030  
1200688016  
1200688017  
1200688025  
1200688136  
1200688139  
1200090091  
1200090092

ENGINEERING No.

884A30E03M010  
884A30E03M0205  
884A30E03M0505  
884A30E03M0755  
884A30E03M030  
884A30E03M006  
884A30E03M020  
884A30E03M015  
884A30E03M050  
884A30E03M003  
884A30E03M002  
884A30E03M002H  
884A30E03M040  
884A30E03M070  
884A30I03M003  
884A30I03M020  
884A30I03M010  
884A30I03M030  
884A30S20M010H  
884A30S20M003H  
884A30S20M005H  
884A30P03M003  
884A30P03M020

L [mm]

1000+56  
2000+89  
5000+156  
7500+317  
3000+89  
600+45  
2000+89  
15000+56  
5000+165  
300+19  
200+19  
200+19  
4000+165  
7000+165  
300+19  
2000+89  
1000+56  
3000+89  
1000+56  
300+19  
500+45  
300+19  
2000+89  
300+19

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MOLEX PN

1200090093  
1200688018  
1200688019  
1200688020  
1200688021  
1200698157  
1200688270  
1200090094  
1200090095  
1200685023  
1200688127  
1200680196  
1200688153  
1200688154  
1200688169  
1200688214  
1200688138  
1200688143  
1200688144  
1200680195

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884A30P03M010  
884A30P03M050  
884A30P03M006H  
884A30P03M100  
884A30P82M003  
884A30P82M0067  
884A30P82M0037  
884A30P82M0107  
884A30K05M006  
884A30H09M020  
884A30H09M040  
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884A30H09M050  
884A30K05M003

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600+45  
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300+19  
600+45  
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