

|              |    |                 |   |                   |
|--------------|----|-----------------|---|-------------------|
| 12           | 11 | 10              | 9 | 8                 |
| MATERIAL NO. |    | ENGINEERING NO. |   | FINISHED LENGTH   |
| 1201080565   |    | E11A06017M005   |   | 0.5M [1FT 8 IN]   |
| 1201080720   |    | E11A06017M400   |   | 40M [131FT 3 IN]  |
| 1201080893   |    | E11A06017M850   |   | 85M [278FT 10 IN] |

**CABLE LENGTH TOLERANCES**

<.3M [1FT]: +19mm-0 [+ .75in-0]

.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]

.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]

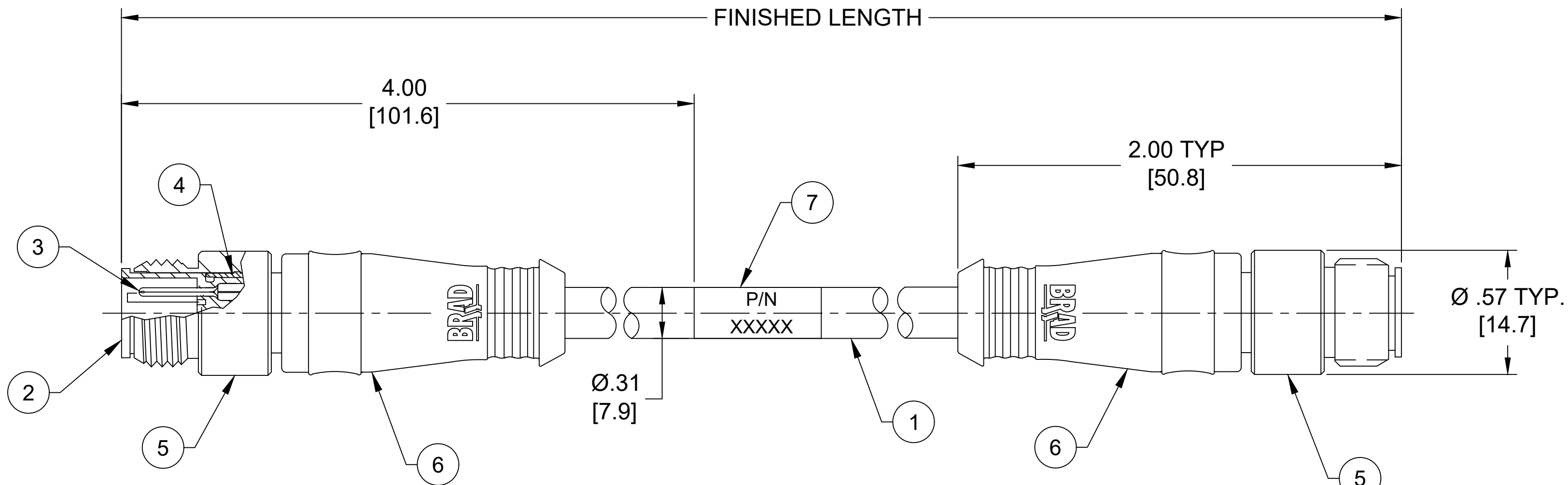
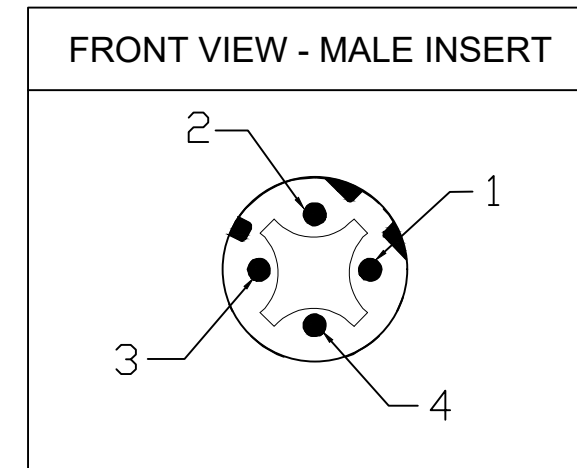
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]

3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]

7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]

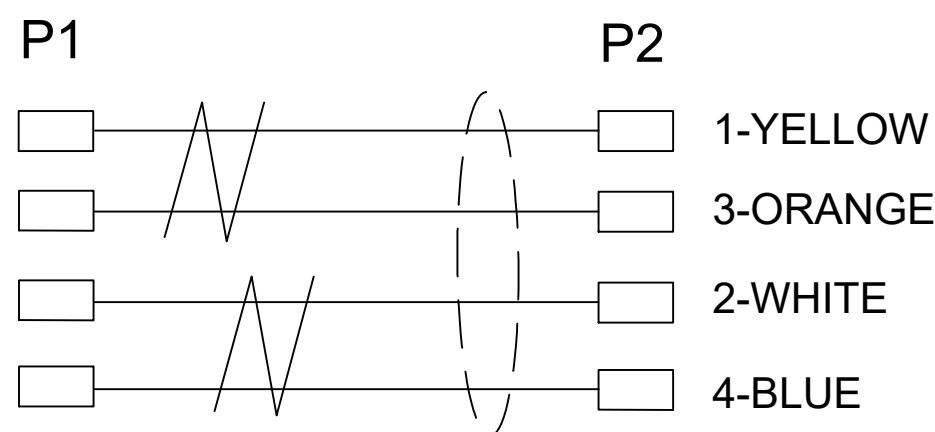
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]

OVER 30M [100FT] +2% OF FINISHED LENGTH



NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:  
VOLTAGE: 30V  
CURRENT: 1.5A
4. TEMP RATING: -20° TO +80°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: M12 X 1
7. UL RECOGNIZED FILE: E200650
8. ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE



## WIRING DIAGRAM

## PART NUMBER LEGEND

E11A06017M005

- FINISHED LENGTH:  
M005= 0.5 METER  
M010= 1 METER  
M100= 10 METER

|      |                            |              |               |
|------|----------------------------|--------------|---------------|
| 7    | WRAP LABEL                 | VINYL        | YELLOW        |
| 6    | OVERMOLD                   | TPC          | GRAY          |
| 5    | COUPLINT NUT               | BRASS        | NICKEL PLATED |
| 4    | SHIELD HOUSING             | BRASS        | NICKEL PLATED |
| 3    | CONTACT PIN                | COPPER ALLOY | GOLD PLATED   |
| 2    | MALE INSERT, D-CODE        | PUR          | BLACK         |
| 1    | CABLE, 2 PAIR, 22AWG, SHLD | TPE JACKET   | GREEN         |
| ITEM | COMPONENT                  | MATERIAL     | FINISH        |

|                                                      |                                                                                                                                               |          |        |                           |                                                                                          |                         |        |                 |                                              |                 |     |              |          |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|---------------------------|------------------------------------------------------------------------------------------|-------------------------|--------|-----------------|----------------------------------------------|-----------------|-----|--------------|----------|
| FUNCTIONAL SYMBOLS                                   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |          |        |                           |                                                                                          |                         |        |                 |                                              |                 |     |              |          |
|                                                      | DIMENSION UNITS                                                                                                                               |          | SCALE  |                           | CURRENT REV DESC: ITEM-1 CHANGED FROM 26AWG TO 22AWG. ITEM-6 WAS PBT. MODIFIED PN CHART. |                         |        |                 | <div>molex</div>                             |                 |     |              |          |
|                                                      | INCH/MM                                                                                                                                       |          | NTS    |                           |                                                                                          |                         |        |                 |                                              |                 |     |              |          |
|                                                      | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |          |        |                           | EC NO: 795279                                                                            |                         |        |                 | M12 D-CODE CABLE ASSY<br>PROFI-NET MALE/MALE |                 |     |              |          |
|                                                      |                                                                                                                                               | mm       | INCH   |                           |                                                                                          |                         |        |                 |                                              |                 |     |              |          |
|                                                      | 4 PLACES                                                                                                                                      |          | ± ---- | ± ----                    | DRWN: ABENJAMINLW 2024/08/13                                                             |                         |        |                 | PRODUCT CUSTOMER DRAWING                     |                 |     |              |          |
|                                                      | 3 PLACES                                                                                                                                      |          | ± ---- | ± ----                    | CHK'D: PDODDAMANEMY 2024/08/14                                                           |                         |        |                 |                                              |                 |     |              |          |
|                                                      | 2 PLACES                                                                                                                                      |          | ± ---- | ± ----                    | APPR: BWOODMAN 2024/08/16                                                                |                         |        |                 |                                              |                 |     |              |          |
|                                                      | 1 PLACE                                                                                                                                       |          | ± ---- | ± ----                    | INITIAL REVISION:                                                                        |                         |        |                 |                                              |                 |     |              |          |
|                                                      | DIVISIONAL SYMBOLS                                                                                                                            | 0 PLACES |        | ± ----                    | ± ----                                                                                   | DRWN: RSTONE 2015/10/08 |        |                 |                                              | DOCUMENT NUMBER |     | DOC TYPE     | DOC PART |
| ANGULAR TOL                                          |                                                                                                                                               | ±        | ---- ° | APPR: BWOODMAN 2015/10/12 |                                                                                          |                         |        | SD-120108-091   |                                              | PSD             | 001 | C            |          |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                                                                                                                               |          |        | THIRD ANGLE PROJECTION    |                                                                                          | DRAWING                 | SERIES | MATERIAL NUMBER |                                              | CUSTOMER        |     | SHEET NUMBER |          |
|                                                      |                                                                                                                                               |          |        |                           |                                                                                          | C-SIZE                  | 120108 | SEE CHART       |                                              | GENERAL MARKET  |     | 1 OF 1       |          |