

| MATERIAL NO. | ENGINEERING NO. | FINISHED LENGTH       |
|--------------|-----------------|-----------------------|
| 1300250196   | DN99A-M006      | 1 FT 11.6 IN [0.6M]   |
| 1300250197   | DN99A-M010      | 3 FT 3.3 IN [1.0M]    |
| 1300250220   | DN99A-M400      | 131 FT 2.8 IN [40.0M] |
| 1300250223   | DN99A-M750      | 246 FT [75.0M]        |

PART NO. LEGEND

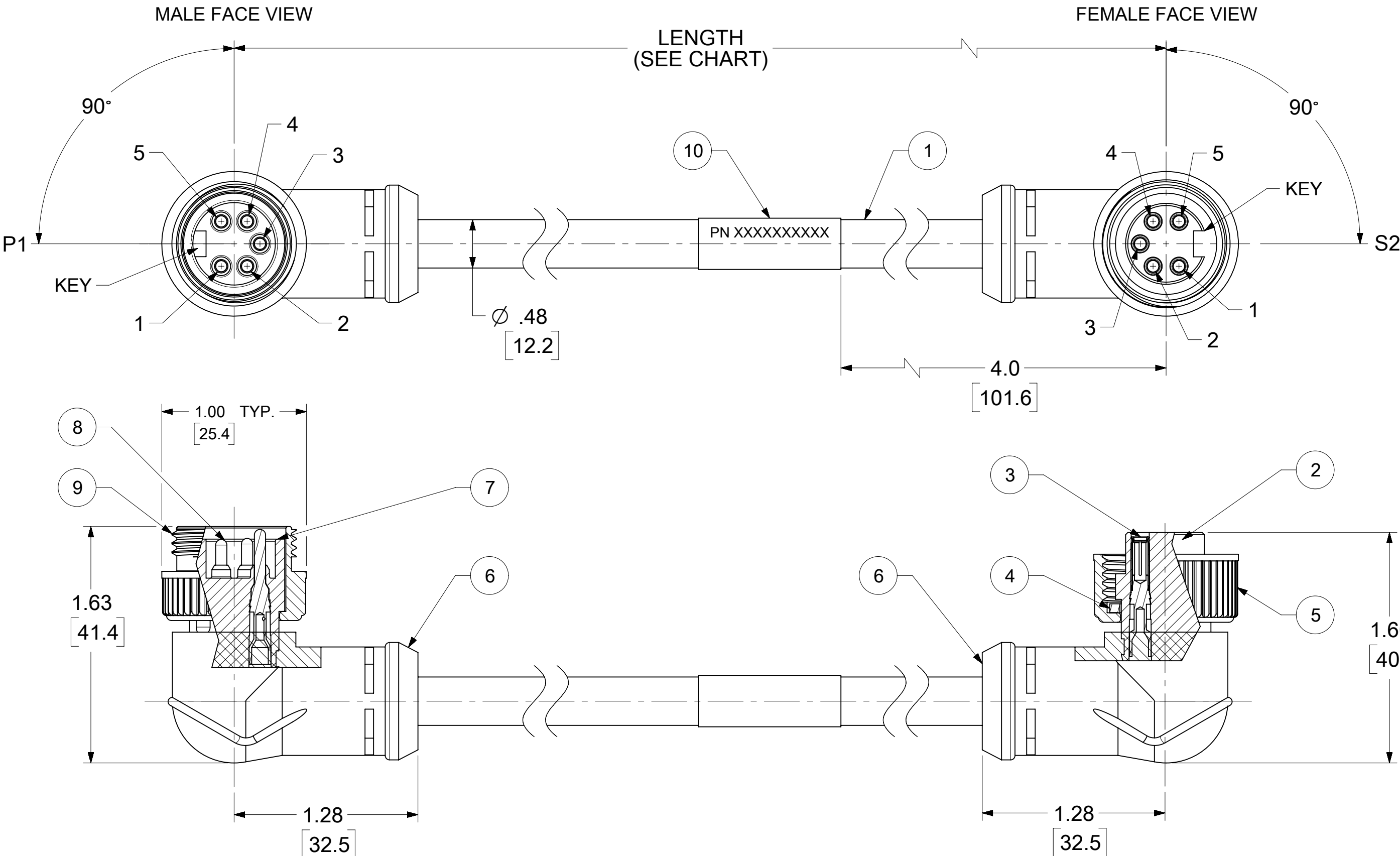
DN99A-M010

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

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

| P1 |             | S2 |
|----|-------------|----|
| 1  | DRAIN       | 1  |
| 2  | RED +V      | 2  |
| 3  | BLACK -V    | 3  |
| 4  | WHITE CAN H | 4  |
| 5  | BLUE CAN L  | 5  |

WIRE DIAGRAM



- NOTES:
1. MATERIAL: AS NOTED
  2. FINISH: AS NOTED
  3. ELECTRICAL SPECIFICATIONS  
VOLTAGE RATING: 300V PER IEC60664  
300V PER UL2238  
CURRENT RATING: 4A
  4. TEMP RANGE: -20°C TO +80°C
  5. COUPLING THREAD: 7/8-16 UN
  6. PROTECTION: IP67 (WHEN MATED)
  7. UL RECOGNIZED FILE: E152210  
CSA CERTIFIED FILE: LR6837
  8. ALL DIMENSIONS ARE FOR REFERENCE  
UNLESS TOLERANCED OR NOTED OTHERWISE

| 10   | LABEL                             | VINYL         | BLACK/YELLOW |
|------|-----------------------------------|---------------|--------------|
| 9    | COUPLING NUT, MALE                | ZINC DIE CAST | BLACK E-COAT |
| 8    | CONTACT PIN                       | BRASS         | GOLD PLATED  |
| 7    | INSERT, MALE, 5 POLE              | TPE           | BLACK        |
| 6    | OVERMOLDS                         | TPE           | GRAY         |
| 5    | COUPLING NUT, FEMALE              | ZINC DIE CAST | BLACK E-COAT |
| 4    | FRICTION RING                     | NYLON         | WHITE        |
| 3    | CONTACT SOCKET                    | BRASS         | GOLD PLATED  |
| 2    | INSERT, FEMALE, 5 POLE            | TPE           | BLACK        |
| 1    | CABLE, DEV-NET, TRUNK, 18/2, 15/2 | PVC JACKET    | GRAY         |
| ITEM | DESCRIPTION                       | MATERIAL      | FINISH       |

SCALE 2:3

|                                                                                                                                               |                                       |   |       |                        |                                                                                                       |         |  |        |                                                                                                                           |                 |          |                |          |              |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---|-------|------------------------|-------------------------------------------------------------------------------------------------------|---------|--|--------|---------------------------------------------------------------------------------------------------------------------------|-----------------|----------|----------------|----------|--------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                       |   |       |                        |                                                                                                       |         |  |        |                                                                                                                           |                 |          |                |          |              |  |
| FUNCTIONAL SYMBOLS                                                                                                                            | DIMENSION UNITS                       |   | SCALE |                        | CURRENT REV DESC: INSERT COLOR WAS GRAY                                                               |         |  |        | <div>molex</div> <div>MINI-CHANGE CORDSET, A SIZE 5 POLE, MALE-FEMALE, 90/90 DEG, SINGLE KEY, 15/18 AWG, DEVICE NET</div> |                 |          |                |          |              |  |
|                                                                                                                                               | INCH/MM                               |   | 1.5:1 |                        |                                                                                                       |         |  |        |                                                                                                                           |                 |          |                |          |              |  |
|                                                                                                                                               | GENERAL TOLERANCES (UNLESS SPECIFIED) |   |       |                        |                                                                                                       |         |  |        |                                                                                                                           |                 |          |                |          |              |  |
| DIVISIONAL SYMBOLS                                                                                                                            |                                       |   |       |                        | EC NO: 702517<br>DRWN: RSTONE 2022/04/07<br>CHK'D: MZIELINSKI 2022/04/08<br>APPR: BWOODMAN 2022/04/12 |         |  |        | PRODUCT CUSTOMER DRAWING                                                                                                  |                 |          |                |          |              |  |
|                                                                                                                                               |                                       |   |       |                        |                                                                                                       |         |  |        |                                                                                                                           |                 |          |                |          |              |  |
|                                                                                                                                               |                                       |   |       |                        |                                                                                                       |         |  |        |                                                                                                                           |                 |          |                |          |              |  |
|                                                                                                                                               | 4 PLACES                              |   | ±     | MM                     |                                                                                                       |         |  |        | INCH                                                                                                                      | ±               |          |                |          |              |  |
|                                                                                                                                               | 3 PLACES                              |   | ±     | ±                      |                                                                                                       |         |  |        |                                                                                                                           |                 |          |                |          |              |  |
|                                                                                                                                               | 2 PLACES                              |   | ±     | ±                      |                                                                                                       |         |  |        |                                                                                                                           |                 |          |                |          |              |  |
|                                                                                                                                               | 1 PLACE                               |   | ±     | ±                      |                                                                                                       |         |  |        |                                                                                                                           |                 |          |                |          |              |  |
|                                                                                                                                               | 0 PLACES                              |   | ±     | ±                      | INITIAL REVISION:<br>DRWN: R. STONE 2009/05/11<br>APPR: JFMURPHY 2009/05/15                           |         |  |        | DOCUMENT NUMBER                                                                                                           |                 | DOC TYPE | DOC PART       | REVISION |              |  |
| ANGULAR TOL                                                                                                                                   |                                       | ± | °     | SD-130025-003          |                                                                                                       |         |  |        | PSD                                                                                                                       | 001             | B1       |                |          |              |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |                                       |   |       | THIRD ANGLE PROJECTION |                                                                                                       | DRAWING |  | SERIES |                                                                                                                           | MATERIAL NUMBER |          | CUSTOMER       |          | SHEET NUMBER |  |
|                                                                                                                                               |                                       |   |       |                        |                                                                                                       | C-SIZE  |  | 130025 |                                                                                                                           |                 |          | GENERAL MARKET |          | 1 OF 1       |  |