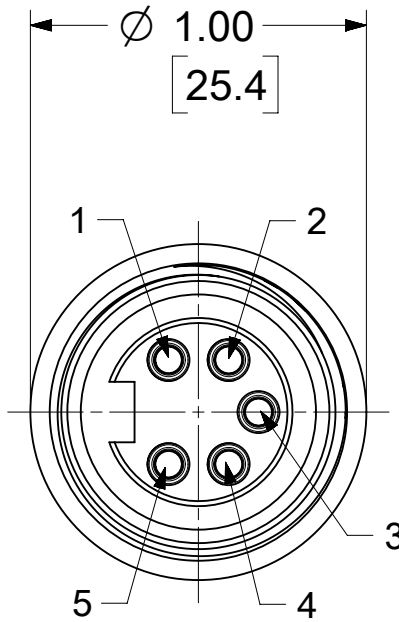
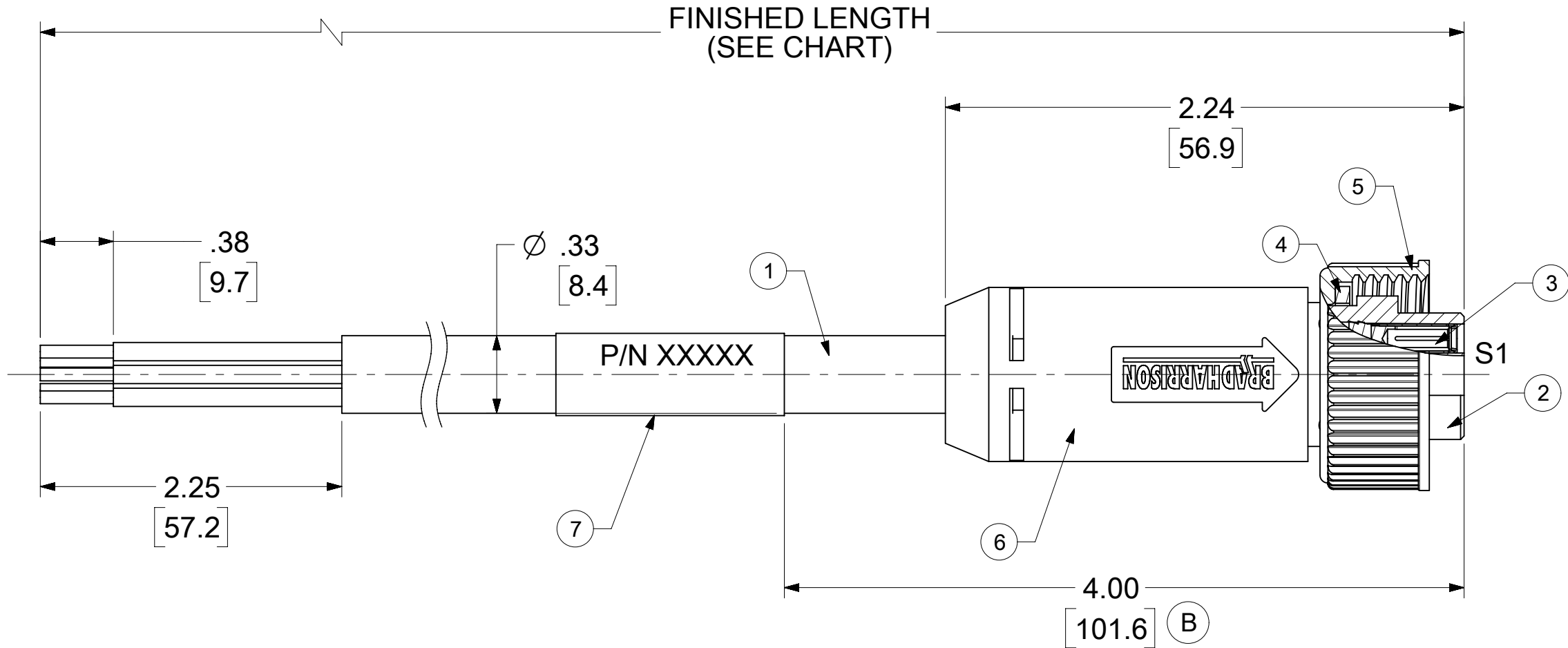
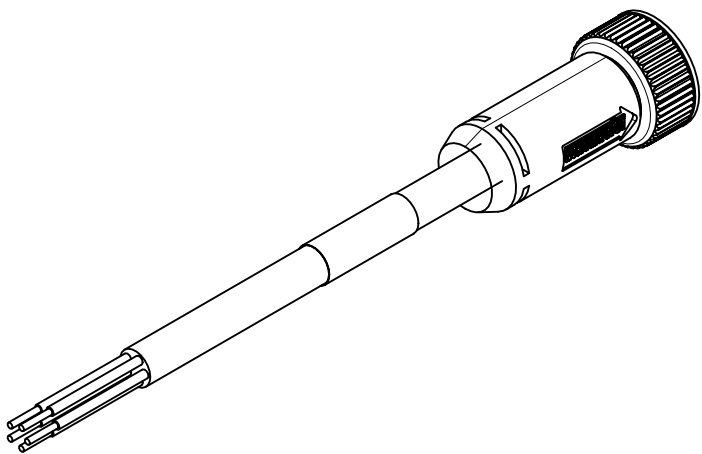


|              |                 |                      |
|--------------|-----------------|----------------------|
| MATERIAL NO. | ENGINEERING NO. | FINISHED LENGTH      |
| 1300240169   | DNB10A-M010     | 1M (3 FT 3.37 IN )   |
| 1300240334   | DNB10A-M100     | 10M (32 FT 9.70 IN ) |
| 1300240172   | DNB10A-M200     | 20M (65 FT 7.40 IN ) |

PART NUMBER LEGEND

DNB10A-M010

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



FEMALE FACE VIEW

WIRING DIAGRAM

S1

|       |   |
|-------|---|
| DRAIN | 1 |
| RED   | 2 |
| BLACK | 3 |
| WHITE | 4 |
| BLUE  | 5 |

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

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

|      |                                 |               |              |
|------|---------------------------------|---------------|--------------|
| 7    | WRAP LABEL                      | VINYL         | BLACK/YELLOW |
| 6    | OVERMOLD                        | TPE           | GRAY         |
| 5    | COUPLING NUT                    | ZINC DIE-CAST | BLACK E-COAT |
| 4    | FRICTION RING                   | NYLON         | WHITE        |
| 3    | SOCKET CONTACT                  | Cu ALLOY      | GOLD PLATED  |
| 2    | FEMALE INSERT                   | TPE           | BLACK        |
| 1    | CABLE, DEV-NET, MID, 20/2, 16/2 | PVC JACKET    | GRAY         |
| ITEM | DESCRIPTION                     | MATERIAL      | FINISH       |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/03/06 | 18:28:03 |
|-----------------|----|--------------|------------|----------|

|                                                                                                                                                                                                                                                                                                                                                                    |                                                            |    |       |      |                                                                                                                            |  |         |  |                                                                                                                      |  |                 |          |                |  |              |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----|-------|------|----------------------------------------------------------------------------------------------------------------------------|--|---------|--|----------------------------------------------------------------------------------------------------------------------|--|-----------------|----------|----------------|--|--------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION                                                                                                                                                                                                                      |                                                            |    |       |      |                                                                                                                            |  |         |  |                                                                                                                      |  |                 |          |                |  |              |  |
| FUNCTIONAL SYMBOLS<br><div> = 0</div> <div> = 0</div> <div> = 0</div> <div>DIVISIONAL SYMBOLS</div> | DIMENSION UNITS                                            |    | SCALE |      | CURRENT REV DESC: ITEM 2 & 6 WERE PVC, MODIFIED MATERIAL TABLE, LABEL DIMS, VOLT, ADDED PN LEGEND, CABLE TOLERANCES & CSA. |  |         |  | <div>molex</div> <div>MINI-CHANGE DEVICENET, A-SIZE</div> <div>5 POLE, FEMALE, STRAIGHT, SINGLE KEY, 16/20 AWG</div> |  |                 |          |                |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                    | INCH/MM                                                    |    | NTS   |      |                                                                                                                            |  |         |  |                                                                                                                      |  |                 |          |                |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                    | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |    |       |      |                                                                                                                            |  |         |  |                                                                                                                      |  |                 |          |                |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                    |                                                            | MM |       | INCH |                                                                                                                            |  |         |  | EC NO: 732099<br>DRWN: VBASUTHKARP 2022/07/13<br>CHK'D: PDODDAMANEMY 2024/03/28<br>APPR: BWOODMAN 2025/03/06         |  |                 |          |                |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                    | 4 PLACES                                                   | ±  |       | ±    |                                                                                                                            |  |         |  |                                                                                                                      |  |                 |          |                |  |              |  |
| 3 PLACES                                                                                                                                                                                                                                                                                                                                                           | ±                                                          |    | ±     |      |                                                                                                                            |  |         |  |                                                                                                                      |  |                 |          |                |  |              |  |
| 2 PLACES                                                                                                                                                                                                                                                                                                                                                           | ±                                                          |    | ±     |      |                                                                                                                            |  |         |  |                                                                                                                      |  |                 |          |                |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                    | 1 PLACE                                                    | ±  |       | ±    | INITIAL REVISION:                                                                                                          |  |         |  | DOCUMENT NUMBER                                                                                                      |  | DOC TYPE        | DOC PART | REVISION       |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                    | 0 PLACES                                                   | ±  |       | ±    | DRWN: BRUPERT 2009/07/07<br>APPR: JFMURPHY 2009/07/07                                                                      |  |         |  | SD-130024-007                                                                                                        |  | PSD             | 001      | B              |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                    | ANGULAR TOL ± °                                            |    |       |      | THIRD ANGLE PROJECTION                                                                                                     |  | DRAWING |  | SERIES                                                                                                               |  | MATERIAL NUMBER |          | CUSTOMER       |  | SHEET NUMBER |  |
|                                                                                                                                                                                                                                                                                                                                                                    | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |    |       |      |                                       |  | C-SIZE  |  | 130024                                                                                                               |  | SEE TABLE       |          | GENERAL MARKET |  | 1 OF 1       |  |

molex

MINI-CHANGE DEVICENET, A-SIZE  
5 POLE, FEMALE, STRAIGHT, SINGLE KEY, 16/20 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER  
SD-130024-007  
DOC TYPE  
PSD  
DOC PART  
001  
REVISION  
B