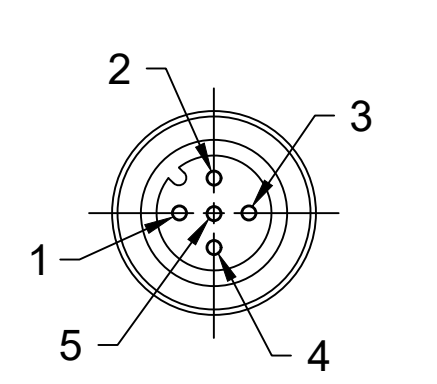
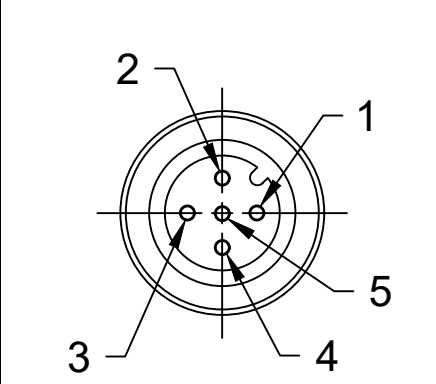


FEMALE FACE VIEW



| MATERIAL NUMBER | ENGINEERING NUMBER | FINISHED LENGTH  |
|-----------------|--------------------|------------------|
| 1300280021      | DND22A-M002        | 0.2M [8 IN]      |
| 1300280050      | DND22A-M200        | 20M [65FT 7 IN]  |
| 1300280055      | DND22A-M400        | 40M [131FT 3 IN] |

MALE FACE VIEW



NOTES:

1. MATERIAL: AS NOTED

2. FINISH: AS NOTED

3. ELECTRICAL:  
VOLTAGE : 60V AC/DC (F)  
CURRENT: 4A

4. TEMP RATING: -20° TO +80°C

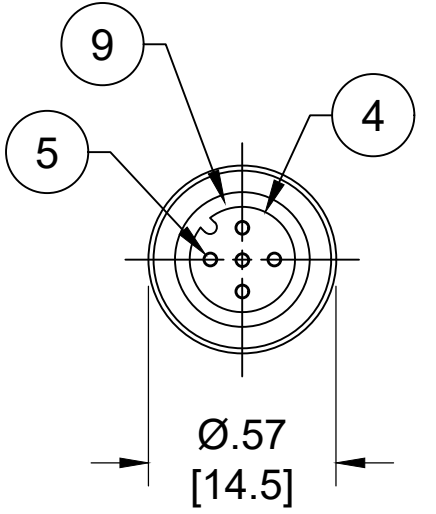
5. PROTECTION: IP67 (WHEN MATED)

6. COUPLING THREAD: M12X1

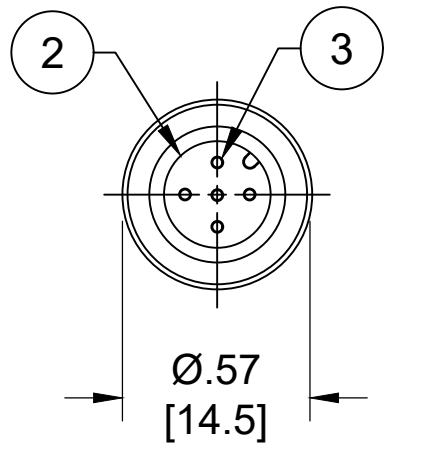
7. UL LISTED FILE: E152210  
CSA CERTIFIED FILE: LR6837

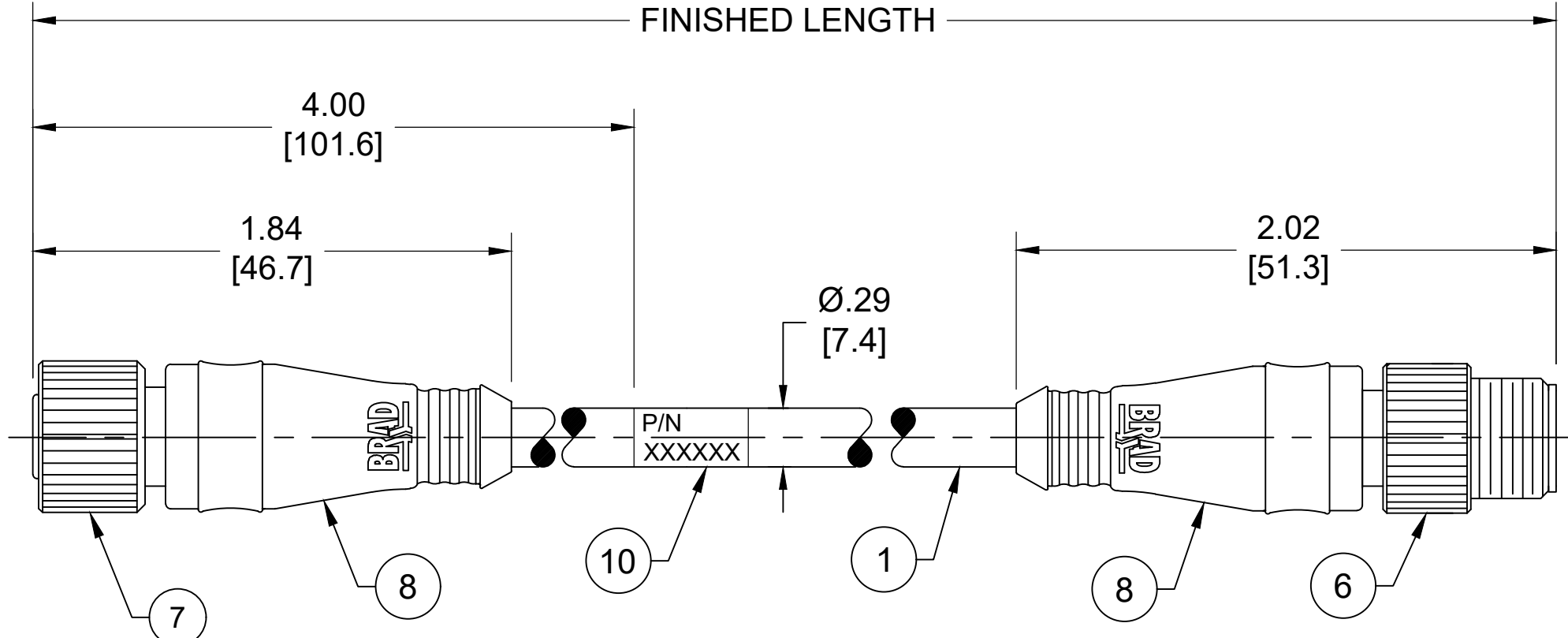
8. ALL DIMENSIONS ARE FOR REFERENCE  
UNLESS TOLERACED OR NOTED OTHERWISE

FEMALE FACE VIEW



MALE FACE VIEW





PART NUMBER LEGEND

DND22A-M005

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

|      |                     |               |                  |
|------|---------------------|---------------|------------------|
| 10   | WRAP LABEL          | VINYL         | BLACK/YELLOW     |
| 9    | O-RING              | NITRILE       | RED              |
| 8    | OVERMOLD            | TPC           | GRAY             |
| 7    | FEMALE COUPLING NUT | ZINC DIE CAST | BLACK E-COATED   |
| 6    | MALE COUPLING NUT   | ZINC DIE CAST | BLACK E-COATED   |
| 5    | CONTACT SOCKET      | COPPER ALLOY  | GOLD OVER NICKEL |
| 4    | FEMALE INSERT       | NYLON 6/6     | BLACK            |
| 3    | CONTACT PIN         | COPPER ALLOY  | GOLD OVER NICKEL |
| 2    | MALE INSERT         | NYLON 6/6     | BLACK            |
| 1    | CABLE #22 AWG       | PVC           | GRAY             |
| ITEM | COMPONENT           | MATERIAL      | FINISH           |

SCHEMATIC

1

2

3

4

5

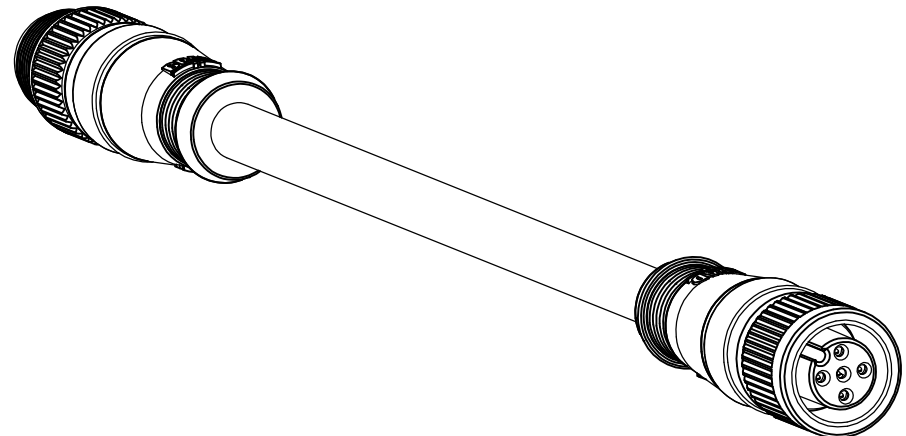
1 - DRAIN

2 - V+

3 - V-

4 - CAN\_H

5 - CAN\_L



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  |

FUNCTIONAL SYMBOLS

FA=0

EC=0

EP=0

DIVISIONAL SYMBOLS

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

DIMENSION UNITS

INCH/MM

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

|          |       |       |
|----------|-------|-------|
|          | mm    | INCH  |
| 4 PLACES | ±---- | ±---- |
| 3 PLACES | ±---- | ±---- |
| 2 PLACES | ±---- | ±---- |
| 1 PLACE  | ±---- | ±---- |
| 0 PLACES | ±---- | ±---- |

CURRENT REV DESC: CHANGE VOLTAGE RATING, FROM 250V TO 60V

EC NO: 785841

DRWN: LESPINOZA

CHK'D: ALEON01

APPR: BWOODMAN

INITIAL REVISION:

DRWN: BWOODMAN

APPR: JFMURPHY

ANGULAR TOL ± ---- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

2024/05/10

2024/05/14

2024/05/21

2009/03/13

2009/03/31

THIRD ANGLE PROJECTION

DRAWING

C-SIZE

SERIES

130028

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

1

2

3

4

5

6

7

8

9

10

11

12

SD-130028-001

PSD

001

F

1 OF 1