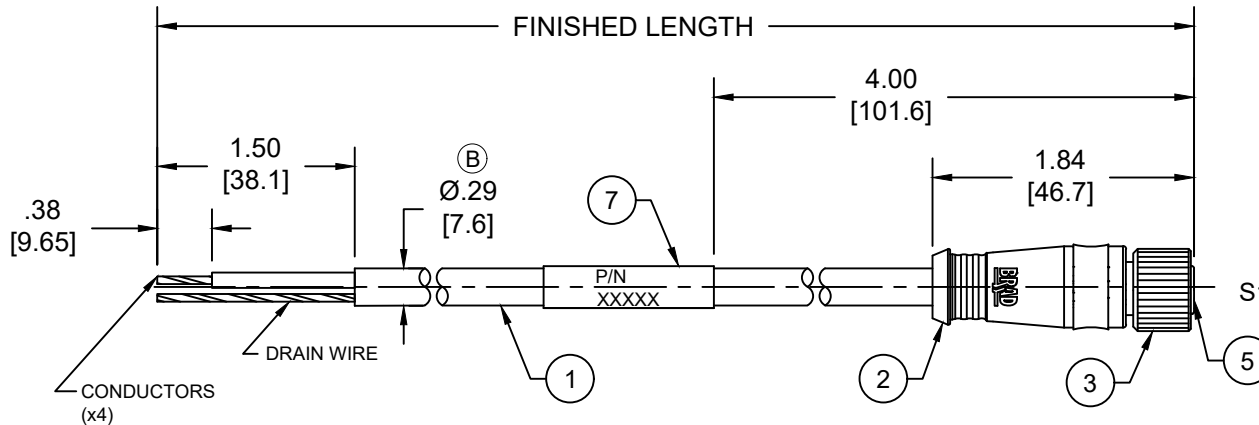
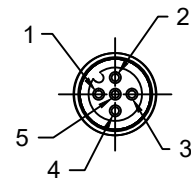


| MATERIAL NUMBER | ENGINEERING NUMBER | FINISHED LENGTH |
|-----------------|--------------------|-----------------|
| 1300270047      | DND20A-M005        | 0.5M [1FT 8 IN] |
| 1300270057      | DND20A-M150        | 15M [49FT 3 IN] |
| 1300270158      | DND20A-M300        | 30M [98FT 5 IN] |

PART NUMBER LEGEND (B)  
DND20A-M005

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

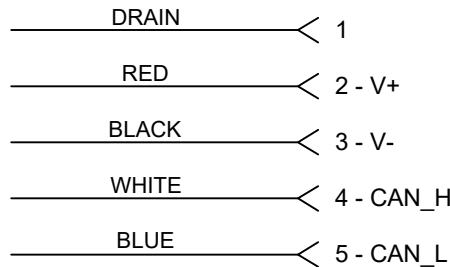
FEMALE- FACE VIEW



NOTES:

- MATERIAL: AS NOTED
- FINISH: AS NOTED
- ELECTRICAL:  
VOLTAGE: 250V AC/DC  
CURRENT: 4 AMPS
- TEMP RATING: -20°C TO +80°C
- PROTECTION: IP67 (WHEN MATED)
- COUPLING THREAD: M12 X 1
- UL LISTED FILE: E152210 (B)  
CSA CERTIFIED FILE: LR6837
- ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

SCHEMATIC



FEMALE- FACE VIEW

(B)

| 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    | O-RING                  | NITRILE       | RED              |
| 5    | INSERT                  | NYLON         | BLACK            |
| 4    | SOCKET CONTACT          | COPPER ALLOY  | GOLD OVER NICKEL |
| 3    | COUPLNG NUT             | ZINC DIE CAST | BLACK E-COATED   |
| 2    | OVERMOLD                | TPC           | GRAY             |
| 1    | CABLE #22 AWG DEVICENET | PVC JACKET    | GRAY             |
| ITEM | COMPONENT               | MATERIAL      | FINISH           |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2022/05/04 | 21:13:41 |
|-----------------|----|--------------|------------|----------|

|                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                               |                           |       |                                                                                                                                                                                  |                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                  |  |          |  |          |  |                 |  |                |  |              |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------|--|----------|--|-----------------|--|----------------|--|--------------|--|
| FUNCTIONAL SYMBOLS                                                                                                                                                                                                                                                                                                                                                          | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                           |       |                                                                                                                                                                                  |                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                  |  |          |  |          |  |                 |  |                |  |              |  |
| <div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div></div></div> | DIMENSION UNITS                                                                                                                               |                           | SCALE |                                                                                                                                                                                  | CURRENT REV DESC: ITEM #2 WAS PVC & ITEM #7 WAS PLASTIC FILM. ADDED UL, CSA, O-RING, CABLE DIA, PN LEGEND & TOL CHART. MODIFIED PN TABLE |  |                                                                                                                                                                                                                                                                                                                                                                  | <div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div></div> |  |          |  |          |  |                 |  |                |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                             | INCH/MM                                                                                                                                       |                           | NTS   |                                                                                                                                                                                  |                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                  |  |          |  |          |  |                 |  |                |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                             | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                           |       |                                                                                                                                                                                  |                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                  |  |          |  |          |  |                 |  |                |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                             | mm                                                                                                                                            |                           | INCH  |                                                                                                                                                                                  |                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                  |  |          |  |          |  |                 |  |                |  |              |  |
| <div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div></div>            | 4 PLACES                                                                                                                                      | ±----                     | ±---- | EC NO: 704134                                                                                                                                                                    |                                                                                                                                          |  | <div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div></div> |                                                                                                                                                                                                                                                                                                                                                                  |  |          |  |          |  |                 |  |                |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                             | 3 PLACES                                                                                                                                      | ±----                     | ±---- | DRWN: ABENJAMINLW 2021/06/02                                                                                                                                                     |                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                  |  |          |  |          |  |                 |  |                |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                             | 2 PLACES                                                                                                                                      | ±----                     | ±---- | CHK'D: RSTONE 2022/04/27                                                                                                                                                         |                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                  |  |          |  |          |  |                 |  |                |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                             | 1 PLACE                                                                                                                                       | ±----                     | ±---- | APPR: BWOODMAN 2022/05/04                                                                                                                                                        |                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                  |  |          |  |          |  |                 |  |                |  |              |  |
| DIVISIONAL SYMBOLS                                                                                                                                                                                                                                                                                                                                                          | 0 PLACES                                                                                                                                      | ±----                     | ±---- | INITIAL REVISION:                                                                                                                                                                |                                                                                                                                          |  | <div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div></div> |                                                                                                                                                                                                                                                                                                                                                                  |  |          |  |          |  |                 |  |                |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                             | ANGULAR TOL ± ---- °                                                                                                                          | DRWN: TWOLDEGE 2010/01/06 |       |                                                                                                                                                                                  | DOCUMENT NUMBER                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                  |  | DOC TYPE |  | DOC PART |  | REVISION        |  |                |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                             | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |                           |       | THIRD ANGLE PROJECTION                                                                                                                                                           |                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                  |  | DRAWING  |  | SERIES   |  | MATERIAL NUMBER |  | CUSTOMER       |  | SHEET NUMBER |  |
|                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                               |                           |       | <div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div> |                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                  |  | A-SIZE   |  | 130027   |  | SEE CHART       |  | GENERAL MARKET |  | 1 OF 1       |  |