

6

5

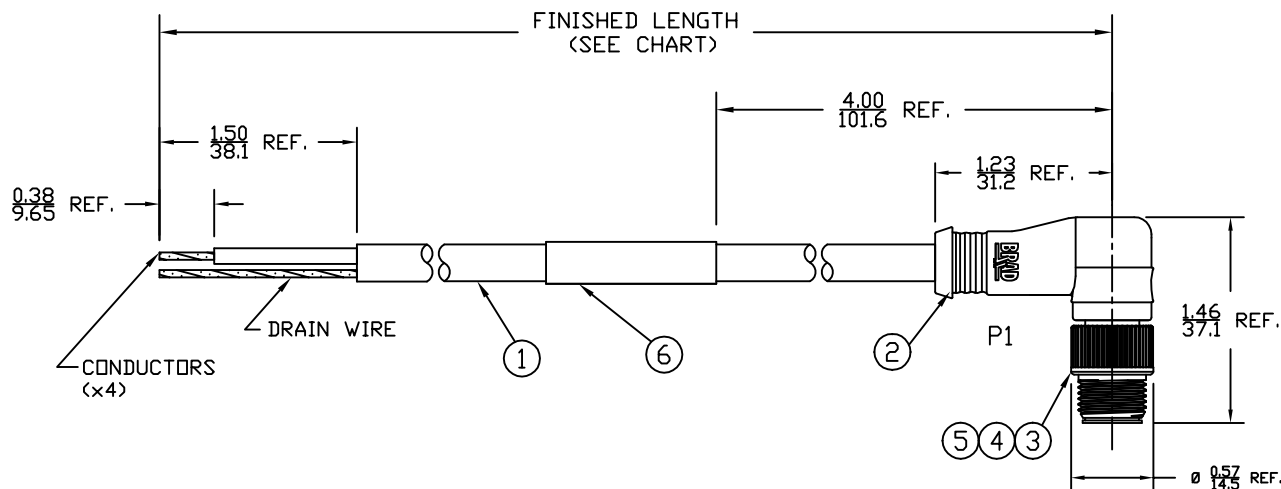
4

3

2

1

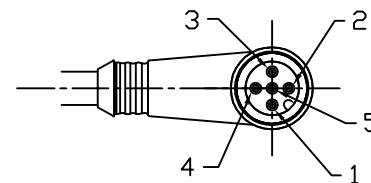
| PART NUMBER | ENGINEERING NO. | LENGTH ± TOLERANCE                    |
|-------------|-----------------|---------------------------------------|
| 1300270037  | DND03A-M010     | 3' 3" +2.19"/-0" [ 1M +55.6/-0 mm ]   |
| 1300270040  | DND03A-M030     | 9' 10" +3.50"/-0" [ 3M +88.9/-0 mm ]  |
| 1300270041  | DND03A-M050     | 16' 5" +6.50"/-0" [ 5M +165.1/-0 mm ] |

AUX VIEW  
SCALE 1:4

## SCHEMATIC

P1

|       |             |
|-------|-------------|
| DRAIN | → 1         |
| RED   | → 2 - V+    |
| BLACK | → 3 - V-    |
| WHITE | → 4 - CAN_H |
| BLUE  | → 5 - CAN_L |



MALE- FACE VIEW

## NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISHES: SEE TABLE
- 3) CABLE: #22/4 + DRAIN, DEVICENET THIN  
EACH PAIR: SHIELDED, TWISTED  
OVERALL: SHIELDED, PVC
- 4) ELECTRICAL DATA:  
MAX. VOLTAGE: 250V AC/DC  
MAX. CURRENT 4A
- 5) ENVIRONMENTAL:  
PROTECTION IP67  
TEMPERATURE RANGE: -20°C TO 80°C
- 6) WRAP LABEL IS MARKED WITH P/N, DATE CODE,  
VOLTAGE & AMPERAGE.
- 7) ASSEMBLY IS RoHS COMPLIANT.

| 6    | 1    | LABEL            | PLASTIC FILM  | BLACK/YELLOW |
|------|------|------------------|---------------|--------------|
| 5    | 1    | INSERT           | NYLON         | BLACK        |
| 4    | 5    | PIN CONTACT      | COPPER ALLOY  | GOLD PLATED  |
| 3    | 1    | M12 COUPLING NUT | ZINC DIE-CAST | BLACK        |
| 2    | 1    | OVERMOLD         | PVC           | GRAY         |
| 1    | 1    | DEVICENET CABLE  | PVC JACKET    | GRAY         |
| ITEM | QTY. | DESCRIPTION      | MATERIAL      | FINISH       |

|                                                                                                          |  |                                                   |                                                            |       |                          |                        |                    |                                                                                                    |                                                                                                                                  |  |  |                     |  |
|----------------------------------------------------------------------------------------------------------|--|---------------------------------------------------|------------------------------------------------------------|-------|--------------------------|------------------------|--------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--|--|---------------------|--|
| SD RELEASE<br>EC NO: WNA2010-0076<br>7/31/09<br>DRWN: VOU<br>CHKD: BWOODMAN<br>APPR: JFMURPHY 2009/08/10 |  | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽C=0</div> | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |       | DIMENSION STYLE<br>IN/MM |                        | SCALE<br>3:4       | DESIGN UNITS<br>INCH                                                                               | THIRD ANGLE<br>PROJECTION                                                                                                        |  |  |                     |  |
|                                                                                                          |  |                                                   |                                                            | mm    | INCH                     | DRAWN BY<br>VOU        | DATE<br>2009/07/30 | TITLE<br>M12 DEVICENET CABLE ASSY<br>5P MALE 90D<br>#22/4 SHLD PVC -THIN STD<br>MOLEX INCORPORATED |                                                                                                                                  |  |  |                     |  |
|                                                                                                          |  |                                                   | 4 PLACES                                                   | ±---- | ±----                    | CHECKED BY<br>BWOODMAN | DATE<br>2009/07/31 |                                                                                                    |                                                                                                                                  |  |  |                     |  |
|                                                                                                          |  |                                                   | 3 PLACES                                                   | ±---- | ±.005                    |                        |                    |                                                                                                    |                                                                                                                                  |  |  |                     |  |
| DESCRIPTION<br>A                                                                                         |  | REV                                               | 2 PLACES                                                   | ±---- | ±.010                    | APPROVED BY<br>---     |                    | DATE<br>---                                                                                        | DOCUMENT NO.<br>SD-130027-002                                                                                                    |  |  | SHEET NO.<br>1 OF 1 |  |
|                                                                                                          |  |                                                   | 1 PLACE                                                    | ±---- | ±.020                    |                        |                    |                                                                                                    |                                                                                                                                  |  |  |                     |  |
|                                                                                                          |  |                                                   | ANGULAR ±1/2°                                              |       |                          | MATERIAL NO.           |                    |                                                                                                    |                                                                                                                                  |  |  |                     |  |
|                                                                                                          |  |                                                   | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       |                          | SEE CHART              |                    |                                                                                                    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |  |                     |  |