

| SAP P/N #  | ENGINEERING P/N | FINISHED LENGTH   |
|------------|-----------------|-------------------|
| 1300390187 | DND39A-M005     | 0.5M [ 1FT 8 IN ] |
| 1300390621 | DND39A-M150     | 15M [ 49FT 3 IN ] |
| 1300390623 | DND39A-M300     | 30M [ 98FT 5 IN ] |

| 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          |

NOTES:

- MATERIAL: SEE TABLE
- FINISH: SEE TABLE
- ELECTRICAL:  
VOLTAGE: 60V  
CURRENT: 4A
- TEMP RATING: -20°C TO +80°C
- PROTECTION: IP67 (WHEN MATED)
- UL LISTED FILE: E152210
- CSA CERTIFIED FILE: LR6837
- ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

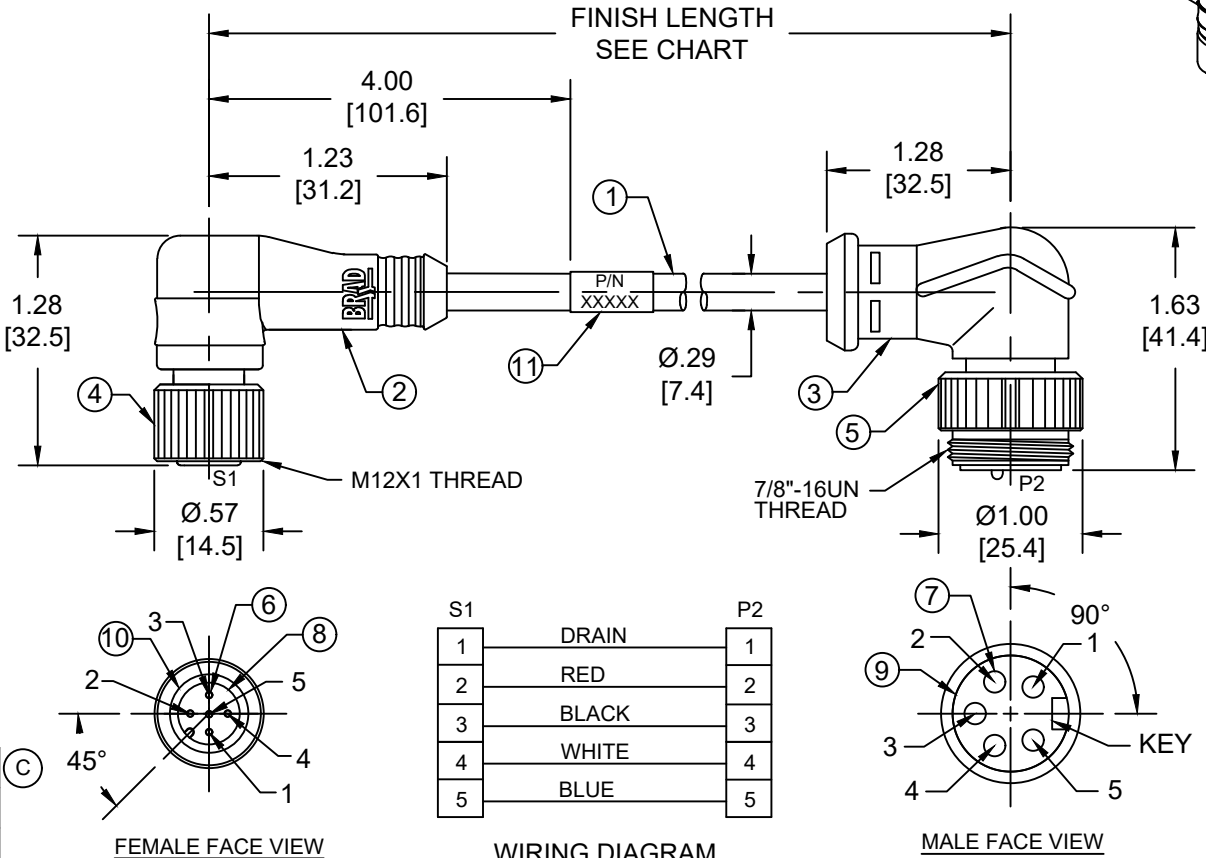
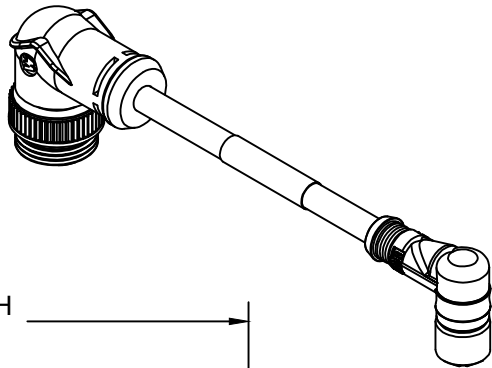
| 11   | WRAP LABEL           | VINYL         | YELLOW       |
|------|----------------------|---------------|--------------|
| 10   | O-RING               | NITRILE       | RED          |
| 9    | INSERT(MINI)         | TPE           | BLACK        |
| 8    | INSERT(MICRO)        | NYLON         | BLACK        |
| 7    | PIN CONTACT          | COPPER ALLOY  | GOLD PLATED  |
| 6    | SOCKET CONTACT       | COPPER ALLOY  | GOLD PLATED  |
| 5    | COUPLING NUT(MINI)   | ZINC DIE-CAST | BLACK E-COAT |
| 4    | COUPLING NUT(MICRO)  | ZINC DIE-CAST | BLACK E-COAT |
| 3    | OVERMOLD(MINI)       | TPC           | GRAY         |
| 2    | OVERMOLD(MICRO)      | TPC           | GRAY         |
| 1    | DEVICENET DROP CABLE | PVC JACKET    | GRAY         |
| ITEM | COMPONENT            | MATERIAL      | FINISH       |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2024/09/19 | 14:14:35 |
|-----------------|----|--------------|------------|----------|

PART NUMBER LEGEND

DND39A-M002

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



|                                                          |                                                                                                                                               |       |       |                                                                             |                                                                                                                                              |        |                          |                                                                                                        |                 |          |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------------|--------------------------------------------------------------------------------------------------------|-----------------|----------|
| FUNCTIONAL SYMBOLS                                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |       |       |                                                                             |                                                                                                                                              |        |                          |                                                                                                        |                 |          |
| <div><div>FA=0</div><div>FC=0</div><div>FP=0</div></div> | DIMENSION UNITS                                                                                                                               |       | SCALE |                                                                             | CURRENT REV DESC: VOLTAGE CHANGED FROM 250V TO 60V LABEL FINISH CHANGED FROM BLACK/YELLOW TO YELLOW. ITEM 6, 7 FINISH CHANGED TO GOLD PLATED |        |                          | <div>molex</div>                                                                                       |                 |          |
|                                                          | INCH/MM                                                                                                                                       |       | NTS   |                                                                             |                                                                                                                                              |        |                          |                                                                                                        |                 |          |
|                                                          | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |       |       |                                                                             | EC NO: 796537<br>DRWN: ABENJAMINLW 2024/08/05<br>CHK'D: LESPINOZA 2024/08/27<br>APPR: BWOODMAN 2024/09/19                                    |        |                          | MINI-MICRO CHANGE DEVICENET, A-SIZE-M12,<br>5 POLE, MALE 90DEG -FEMALE 90DEG,<br>SINGLE KEY, #22/4 AWG |                 |          |
|                                                          |                                                                                                                                               | mm    | INCH  |                                                                             |                                                                                                                                              |        |                          |                                                                                                        |                 |          |
| 4 PLACES                                                 | ±----                                                                                                                                         | ±---- |       |                                                                             |                                                                                                                                              |        |                          |                                                                                                        |                 |          |
| 3 PLACES                                                 | ±----                                                                                                                                         | ±---- |       |                                                                             |                                                                                                                                              |        |                          |                                                                                                        |                 |          |
| 2 PLACES                                                 | ±----                                                                                                                                         | ±---- |       |                                                                             |                                                                                                                                              |        |                          |                                                                                                        |                 |          |
| DIVISIONAL SYMBOLS                                       | 1 PLACE                                                                                                                                       | ±---- | ±---- | INITIAL REVISION:<br>DRWN: TWOLDEGE 2010/01/11<br>APPR: JFMURPHY 2010/01/20 |                                                                                                                                              |        | PRODUCT CUSTOMER DRAWING |                                                                                                        |                 |          |
|                                                          | 0 PLACES                                                                                                                                      | ±---- | ±---- |                                                                             |                                                                                                                                              |        |                          |                                                                                                        |                 |          |
|                                                          | ANGULAR TOL ± ---- °                                                                                                                          |       |       | DOCUMENT NUMBER                                                             |                                                                                                                                              |        | DOC TYPE                 | DOC PART                                                                                               | REVISION        |          |
|                                                          | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |       |       | THIRD ANGLE PROJECTION                                                      |                                                                                                                                              |        | DRAWING                  | SERIES                                                                                                 | MATERIAL NUMBER | CUSTOMER |
|                                                          |                                                                                                                                               |       |       |                                                                             |                                                                                                                                              | A-SIZE | 130039                   | SEE CHART                                                                                              | GENERAL MARKET  | 1 OF 1   |

molex

MINI-MICRO CHANGE DEVICENET, A-SIZE-M12,  
5 POLE, MALE 90DEG -FEMALE 90DEG,  
SINGLE KEY, #22/4 AWG

PRODUCT CUSTOMER DRAWING

|                 |          |          |          |
|-----------------|----------|----------|----------|
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
| SD-130039-023   | PSD      | 001      | C        |