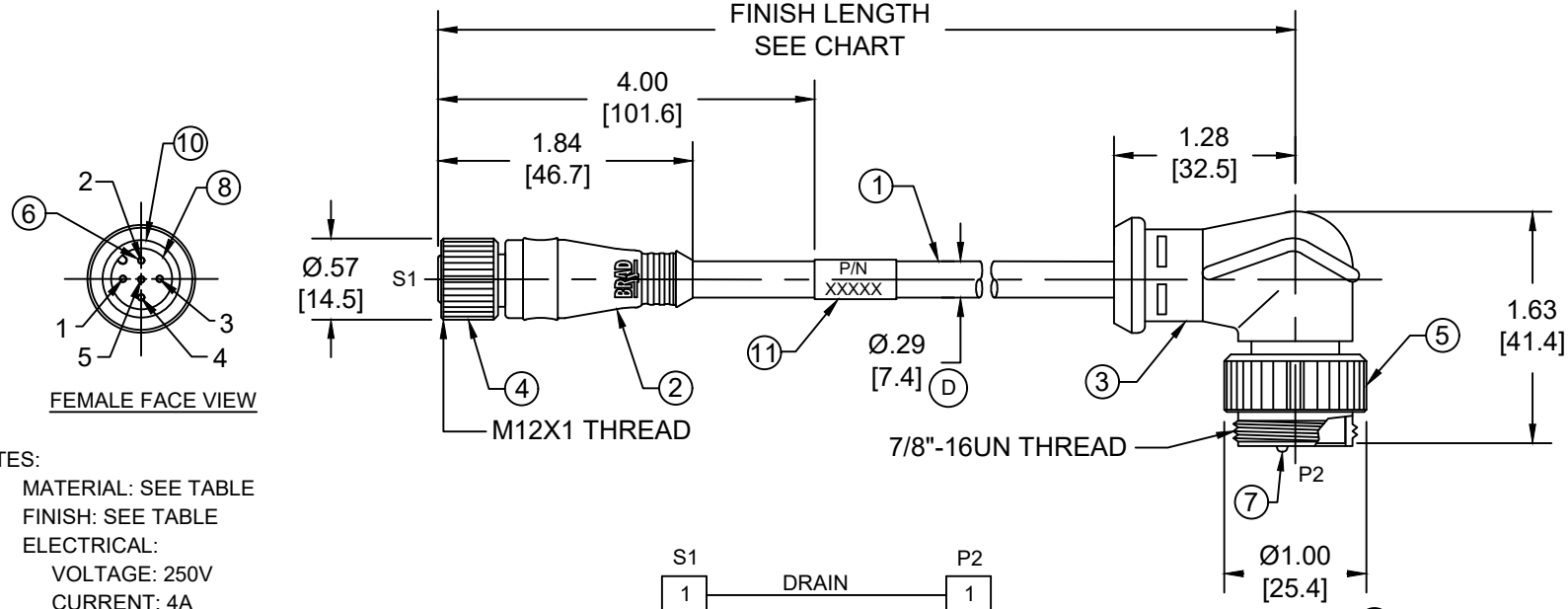
| SAP P/N # | ENGINEERING P/N | FINISHED LENGTH |
|---|---|---|
| 1300390112 | DND29A-M002 | 0.2M [ 8 IN ] |
| 1300390176 | DND29A-M030 | 3M [ 9FT 10 IN ] |
| 1300390177 | DND29A-M050 | 5M [ 16FT 5 IN ] |

PART NUMBER LEGEND

DND29A-M002

LENGTH:
M005= 0.2 METER
M010= 1 METER
M100= 10 METER




NOTES:
1. MATERIAL: SEE TABLE
2. FINISH: SEE TABLE
3. ELECTRICAL:
   VOLTAGE: 250V
   CURRENT: 4A
4. TEMP RATING: -20°C TO +80°C
5. PROTECTION: IP67 (WHEN MATED)
6. UL LISTED FILE: E152210 (D)
   CSA CERTIFIED FILE: LR6837
7. ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

| S1 | | P2 |
|---|---|---|
| 1 | DRAIN | 1 |
| 2 | RED | 2 |
| 3 | BLACK | 3 |
| 4 | WHITE | 4 |
| 5 | BLUE | 5 |

WIRING DIAGRAM

(D)
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

| ITEM | COMPONENT | MATERIAL | FINISH | |
|---|---|---|---|---|
| 11 | WRAP LABEL | VINYL | BLACK/YELLOW | |
| 10 | O-RING | NITRILE | RED | |
| 9 | INSERT(MINI) | TPE | BLACK | (D) |
| 8 | INSERT(MICRO) | NYLON | BLACK | |
| 7 | PIN CONTACT | COPPER ALLOY | GOLD OVER NICKEL | |
| 6 | SOCKET CONTACT | COPPER ALLOY | GOLD OVER NICKEL | |
| 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 | (D) |
| 2 | OVERMOLD(MICRO) | TPC | GRAY | (D) |
| 1 | DEVICENET DROP CABLE | PVC JACKET | GRAY | |

DOCUMENT STATUS | P1 | RELEASE DATE | 2022/09/09 18:08:07

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

FUNCTIONAL SYMBOLS: FA=0, FC=0, FP=0
DIVISIONAL SYMBOLS

DIMENSION UNITS: INCH/MM | SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ITEM-2, 3 & 9 WERE PVC. ADDED ITEM-10, TOL CHART, UL, CSA AND CABLE DIA . MODIFIED PN CHART

EC NO: 720800
DRWN: ABENJAMINLW 2022/07/22
CHK'D: RSTONE 2022/09/09
APPR: BWOODMAN 2022/09/09

INITIAL REVISION:
DRWN: TWOLDEGE 2010/01/11
APPR: JFMURPHY 2010/01/20

THIRD ANGLE PROJECTION | DRAWING: A-SIZE | SERIES: 130039

molex

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

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-130039-021 | PSD | 001 | D |

| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|
| SEE CHART | GENERAL MARKET | 1 OF 1 |