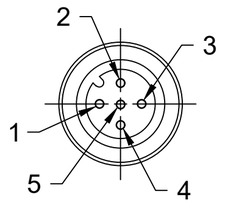
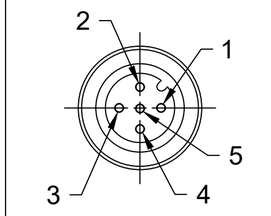
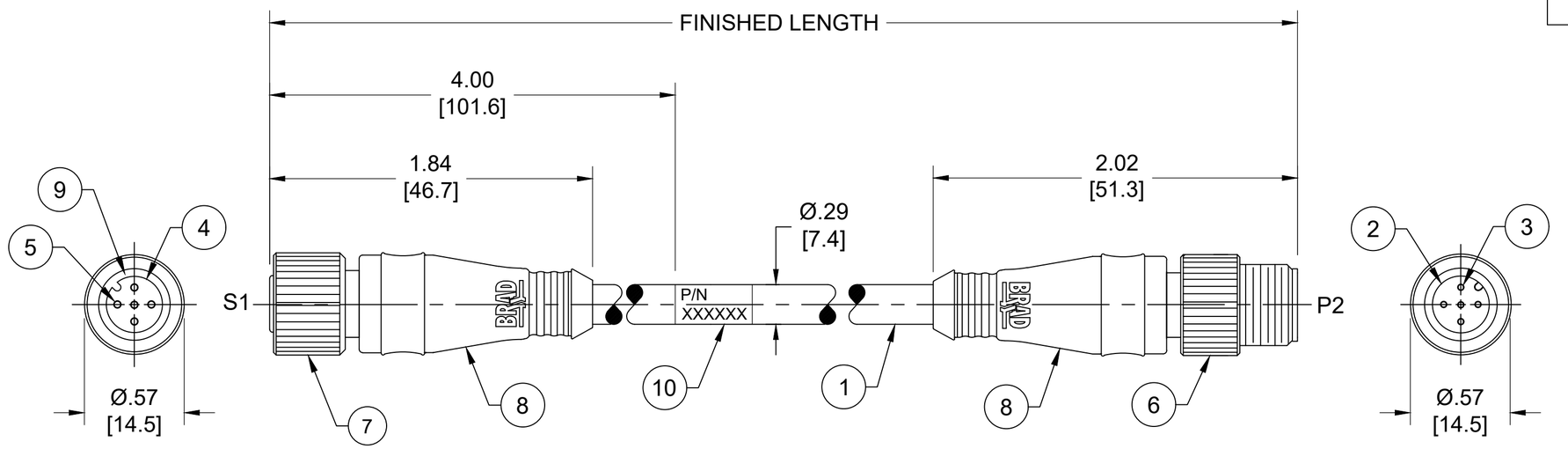
| MATERIAL NUMBER | ENGINEERING NUMBER | FINISHED LENGTH |
|---|---|---|
| 1300280050 | DND22A-M200 | 20M [65FT 7 IN] |
| 1300280055 | DND22A-M400 | 40M [131FT 3 IN] |

FEMALE FACE VIEW




MALE FACE VIEW




FEMALE FACE VIEW

MALE FACE VIEW

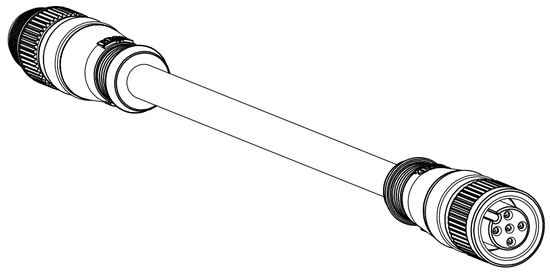
NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE : 60V AC/DC
   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

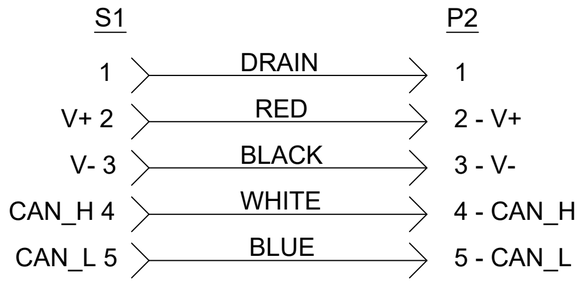
## PART NUMBER LEGEND

DND22A-M005

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



| ITEM | COMPONENT | MATERIAL | FINISH |
|---|---|---|---|
| 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 |




SCHEMATIC

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

| DOCUMENT STATUS | P1 | RELEASE DATE | 2025/06/27 05:38:53 |
|---|---|---|---|

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: REMOVED OBSOLETED PART NUMBER AS PER PCN#514336.

EC NO: 825582
DRWN: RAVINR1 2025/06/24
CHK'D: GGA 2025/06/27
APPR: GGA 2025/06/27

INITIAL REVISION:
DRWN: BWOODMAN 2009/03/13
APPR: JFMURPHY 2009/03/31

molex

MICRO-CHANGE DEVICENET, M12,
5 POLE, MALE - FEMALE, STRAIGHT, SINGLE KEY,
#22 AWG

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|---|---|---|---|
| SD-130028-001 | PSD | 001 | F2 |

| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
|---|---|---|---|---|---|
| | C-SIZE | 130028 | SEE TABLE | GENERAL MARKET | 1 OF 1 |

FORMAT: IN ACAD-lib-prod-C
REVISION: B
DATE: 2020/01/14