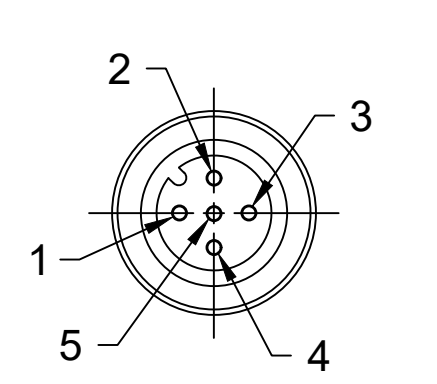
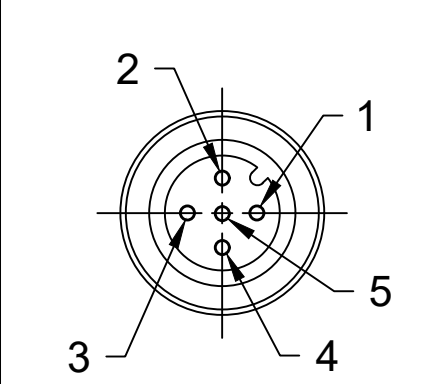


FEMALE FACE VIEW



MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300280021	DND22A-M002	0.2M [8 IN]
1300280050	DND22A-M200	20M [65FT 7 IN]
1300280055	DND22A-M400	40M [131FT 3 IN]

MALE FACE VIEW



NOTES:

1. MATERIAL: AS NOTED

2. FINISH: AS NOTED

3. ELECTRICAL:
VOLTAGE : 60V AC/DC (F)
CURRENT: 4A

4. TEMP RATING: -20° TO +80°C

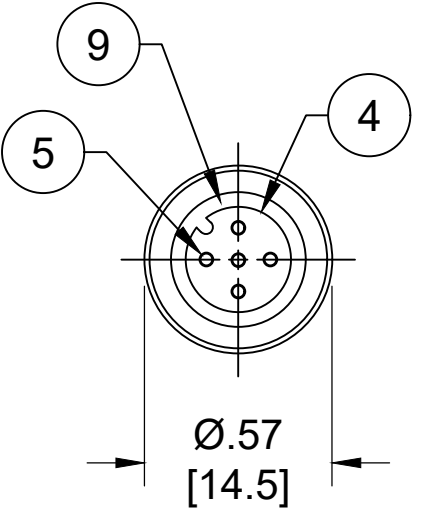
5. PROTECTION: IP67 (WHEN MATED)

6. COUPLING THREAD: M12X1

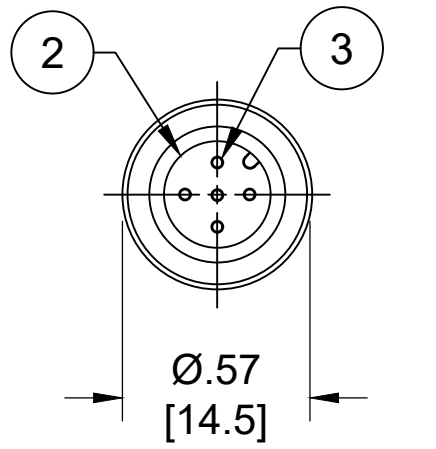
7. UL LISTED FILE: E152210
CSA CERTIFIED FILE: LR6837

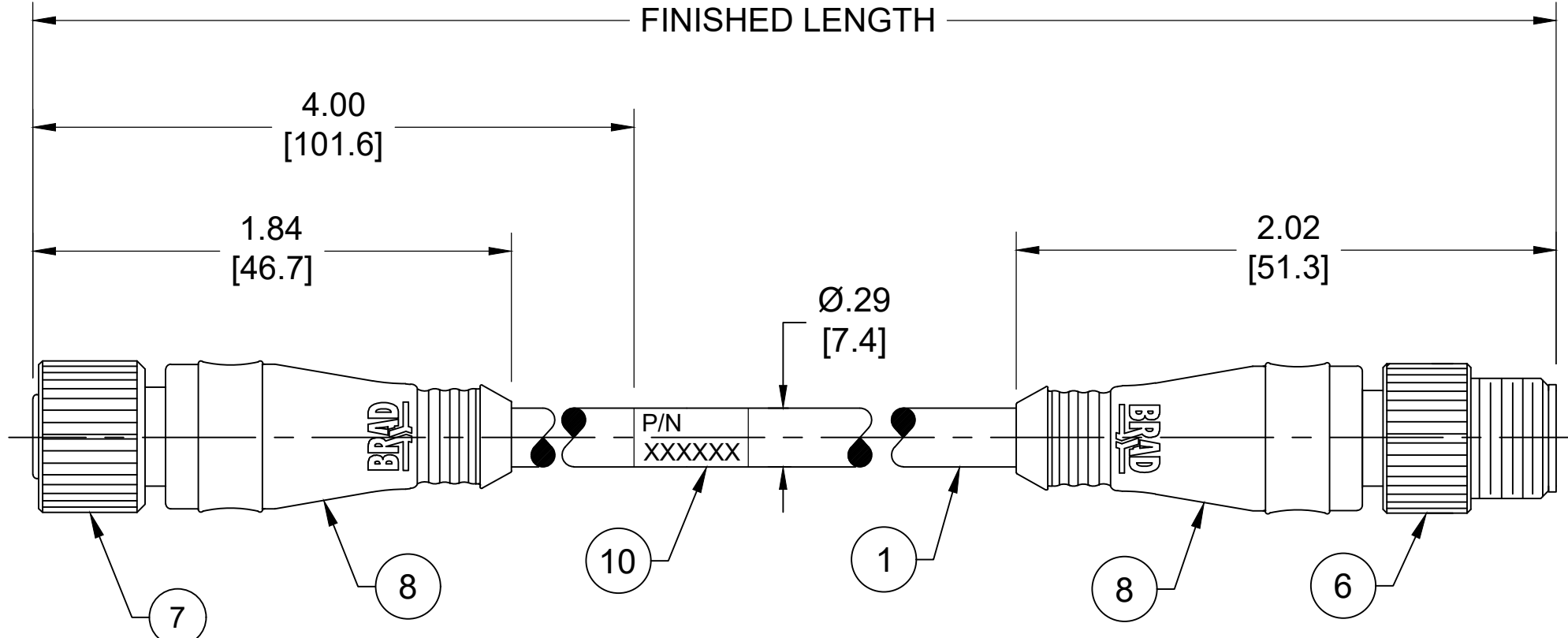
8. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERACED OR NOTED OTHERWISE

FEMALE FACE VIEW



MALE FACE VIEW





PART NUMBER LEGEND

DND22A-M005

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

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
ITEM	COMPONENT	MATERIAL	FINISH

DOCUMENT STATUS

P1

RELEASE DATE

2024/05/21 23:51:25

12

11

10

9

8

7

6

5

4

3

2

1

SCHEMATIC

1

2

3

4

5

1 - DRAIN

2 - V+

3 - V-

4 - CAN_H

5 - CAN_L

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

FUNCTIONAL SYMBOLS

FA=0

EC=0

EP=0

DIVISIONAL SYMBOLS

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

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: CHANGE VOLTAGE RATING, FROM 250V TO 60V

EC NO: 785841

DRWN: LESPINOZA

CHK'D: ALEON01

APPR: BWOODMAN

INITIAL REVISION:

DRWN: BWOODMAN

APPR: JFMURPHY

THIRD ANGLE PROJECTION

DRAWING

C-SIZE

2024/05/10

2024/05/14

2024/05/21

2009/03/13

2009/03/31

SERIES

130028

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

SHEET NUMBER

1 OF 1

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-130028-001

DOC TYPE

PSD

DOC PART

001

REVISION

F