

FEMALE FACE VIEW

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

MALE FACE VIEW

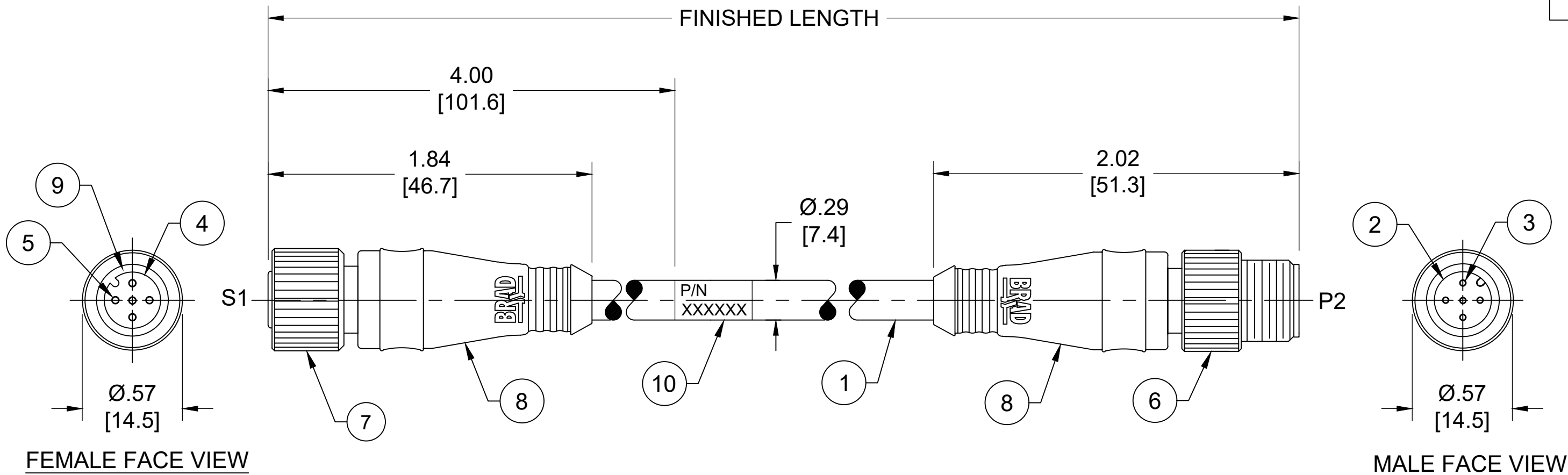
1: Outer thread (1/2-10 UNF-2A)

2: Outer diameter

3: Inner thread (1/4-20 UNF-2A)

4: Inner diameter

5: Center hole



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

Ø.57
[14.5]

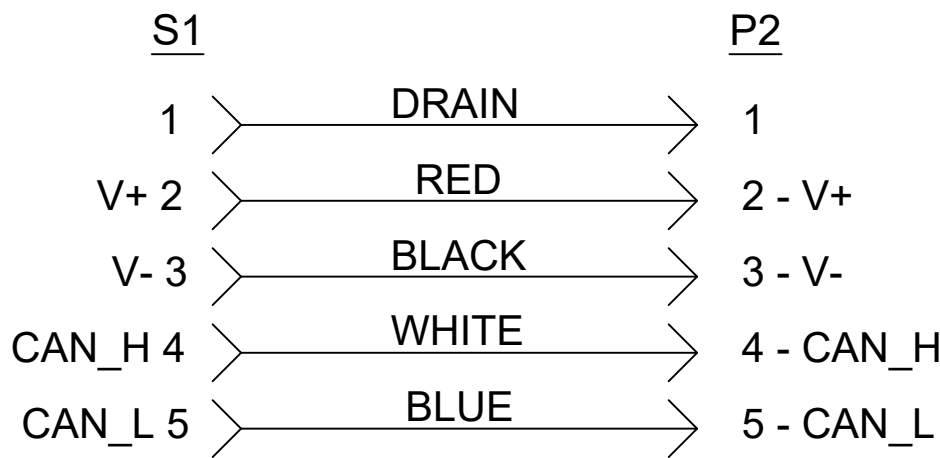
FEMALE FACE

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

PART NUMBER LEGEND

DND22A-M005

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



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	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
E A=0 F C=0 P D=0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#514336.		molex MICRO-CHANGE DEVICENET, M12, 5 POLE, MALE - FEMALE, STRAIGHT, SINGLE KEY, #22 AWG				
	INCH/MM		NTS								
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 825582 DRWN: RAVINR1 2025/06/24 CHK'D: GGA 2025/06/27 APPR: GGA 2025/06/27		PRODUCT CUSTOMER DRAWING				
		mm	INCH								
	4 PLACES	± ----	± ----								
	3 PLACES	± ----	± ----								
	2 PLACES	± ----	± ----								
	1 PLACE	± ----	± ----		INITIAL REVISION: DRWN: BWOODMAN 2009/03/13 APPR: JFMURPHY 2009/03/31		DOCUMENT NUMBER SD-130028-001		DOC TYPE PSD	DOC PART 001	REVISION F2
	0 PLACES	± ----	± ----								
	ANGULAR TOL ± ---- °										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING C-SIZE	SERIES 130028	MATERIAL NUMBER SEE TABLE	CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1

FORMAT: IN-ACAD file prod C	12	11	10
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