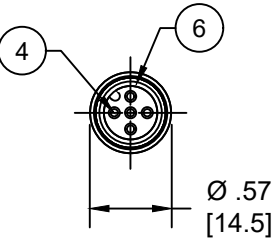
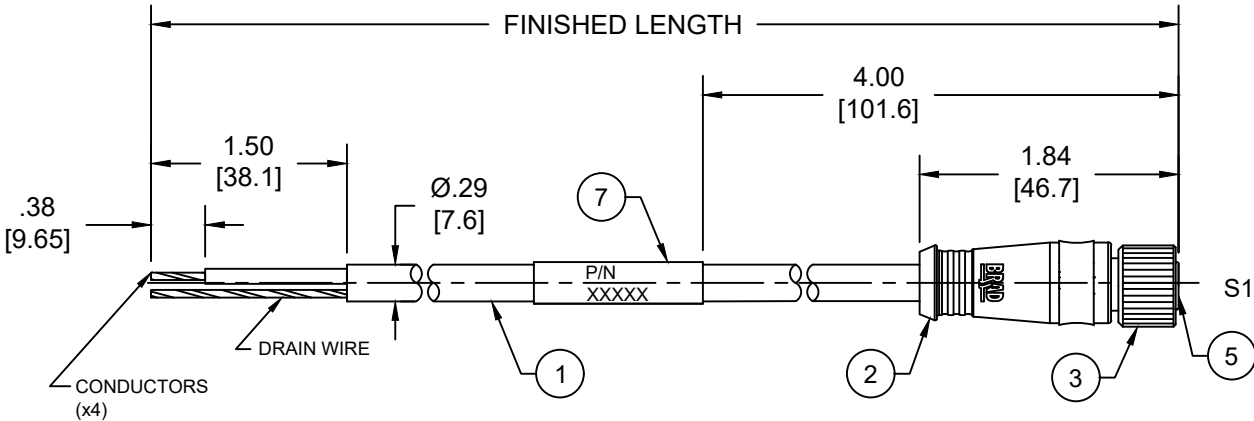
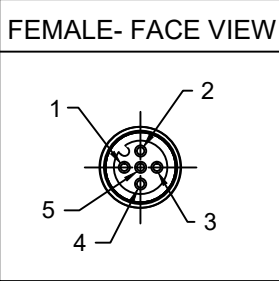


MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300270047	DND20A-M005	0.5M [1FT 8 IN]

PART NUMBER LEGEND DND20A-M005

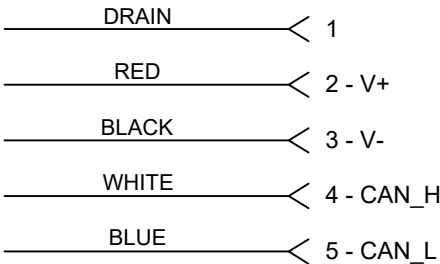
FINISHED LENGTH:
M005 = 0.5 METER
M010 = 1 METER
M100 = 10 METER



- NOTES:
- MATERIAL: AS NOTED
 - FINISH: AS NOTED
 - ELECTRICAL:
VOLTAGE: 60V
CURRENT: 4 AMPS
 - TEMP RATING: -20°C TO +80°C
 - PROTECTION: IP67 (WHEN MATED)
 - COUPLING THREAD: M12 X 1
 - UL LISTED FILE: E152210
CSA CERTIFIED FILE: LR6837
 - ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

SCHEMATIC

S1



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

7	WRAP LABEL	VINYL	YELLOW
6	O-RING	NITRILE	RED
5	INSERT	NYLON	BLACK
4	SOCKET CONTACT	COPPER ALLOY	GOLD OVER NICKEL
3	COUPLNG NUT	ZINC DIE CAST	BLACK E-COATED
2	OVERMOLD	TPC	GRAY
1	CABLE #22 AWG DEVICENET	PVC JACKET	GRAY
ITEM	COMPONENT	MATERIAL	FINISH

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN #517562				molex					
INCH/MM		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 843773 DRWN: PRANAA 2025/12/11 CHK'D: GGA 2026/01/27 APPR: GGA 2026/01/27				MICRO-CHANGE DEVICENET, M12, 5 POLE, FEMALE, STRAIGHT, SINGLE KEY, #22 AWG					
	mm	INCH											
4 PLACES	± ----	± ----											
3 PLACES	± ----	± ----											
2 PLACES	± ----	± ----											
1 PLACE	± ----	± ----		INITIAL REVISION:				PRODUCT CUSTOMER DRAWING					
0 PLACES	± ----	± ----											
ANGULAR TOL ± ---- °				DRWN: TWOLDEGE 2010/01/06 APPR: JFMURPHY 2010/01/20				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A-SIZE		SERIES 130027		MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
										SEE CHART		GENERAL MARKET	1 OF 1

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130027-007	PSD	001	C2

DOCUMENT STATUS	P1	RELEASE DATE	2026/01/27	12:39:42
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