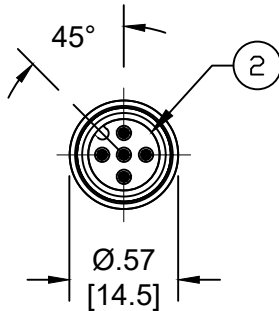
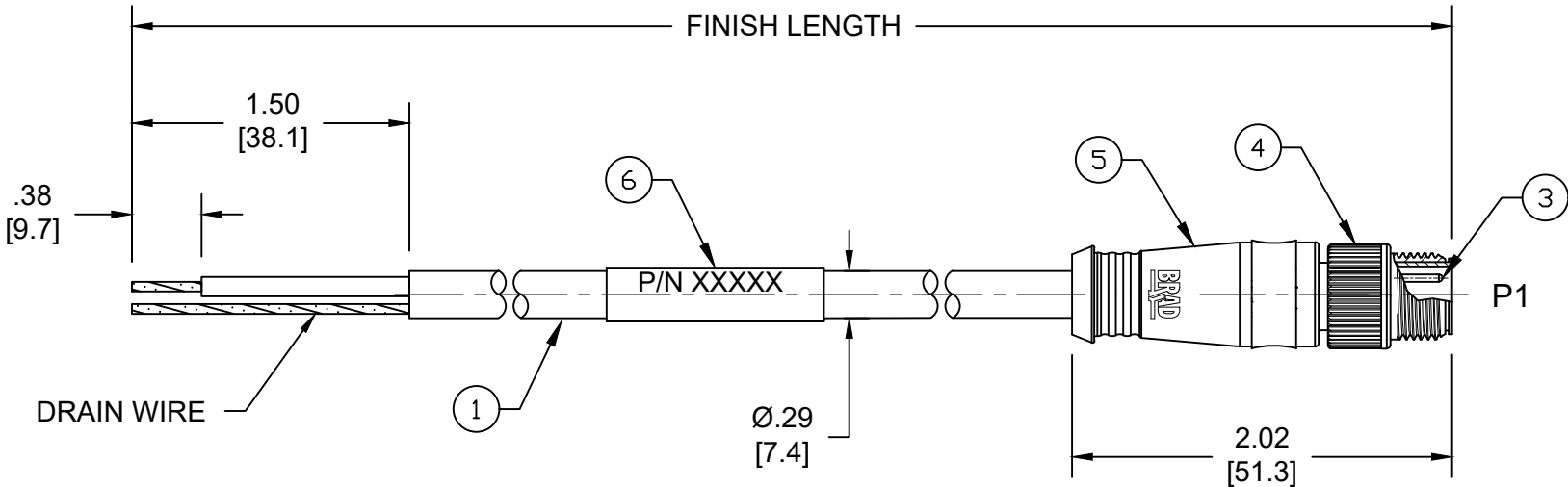
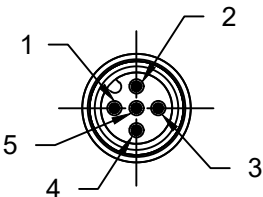


MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300270012	DND02A-M010	1M [3FT 3 IN]
1300270022	DND02A-M100	10M [32FT 10 IN]

MALE INSERT- FACE VIEW



MALE INSERT- FACE VIEW

NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
VOLTAGE: 60V
CURRENT: 4A
4. TEMP RATING: -20°C TO +80°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: M12 X 1.0
7. UL LISTED FILE: E152210
CSA CERTIFIED: LR6837
8. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

PART NUMBER LEGEND

DND02A-M010

FINISHED LENGTH:
M005= 0.5 METER
M010= 1.0 METER
M100= 10.0 METER

P1



WIRE DIAGRAM

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

6	WRAP LABEL	VINYL	YELLOW
5	OVERMOLD	TPC	GRAY
4	M12 COUPLING NUT	ZINC DIE-CAST	BLACK E-COAT
3	CONTACT PIN	COPPER ALLOY	GOLD PLATED
2	INSERT, 5P MALE	NYLON	BLACK
1	DEVICENET DROP CABLE, 22 AWG	PVC JACKET	GRAY
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2025/08/19	10:06:43
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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 NUMBERS AS PER PCN#516986				molex							
INCH/MM		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 831193 DRWN: SANATK1 2025/08/07 CHK'D: GGA 2025/08/19 APPR: GGA 2025/08/19				MICRO-CHANGE DEVICE-NET CABLE ASSY 5-POLE, MALE, M12, STRAIGHT, 22AWG PVC							
		mm	INCH												
4 PLACES		±----	±----												
3 PLACES		±----	±----												
2 PLACES		±----	±----												
1 PLACE		±----	±----	INITIAL REVISION: DRWN: VOU 2009/07/30 APPR: JFMURPHY 2009/08/10				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
0 PLACES		±----	±----					SD-130027-001		PSD	001	C1			
ANGULAR TOL ± ---- °															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						B-SIZE		130027		SEE CHART		GENERAL MARKET		1 OF 1	

molex

MICRO-CHANGE DEVICE-NET CABLE ASSY
5-POLE, MALE, M12, STRAIGHT, 22AWG PVC

A