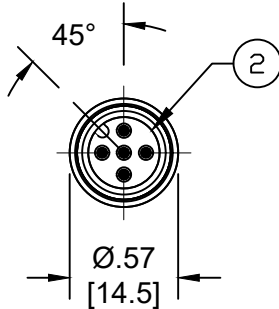
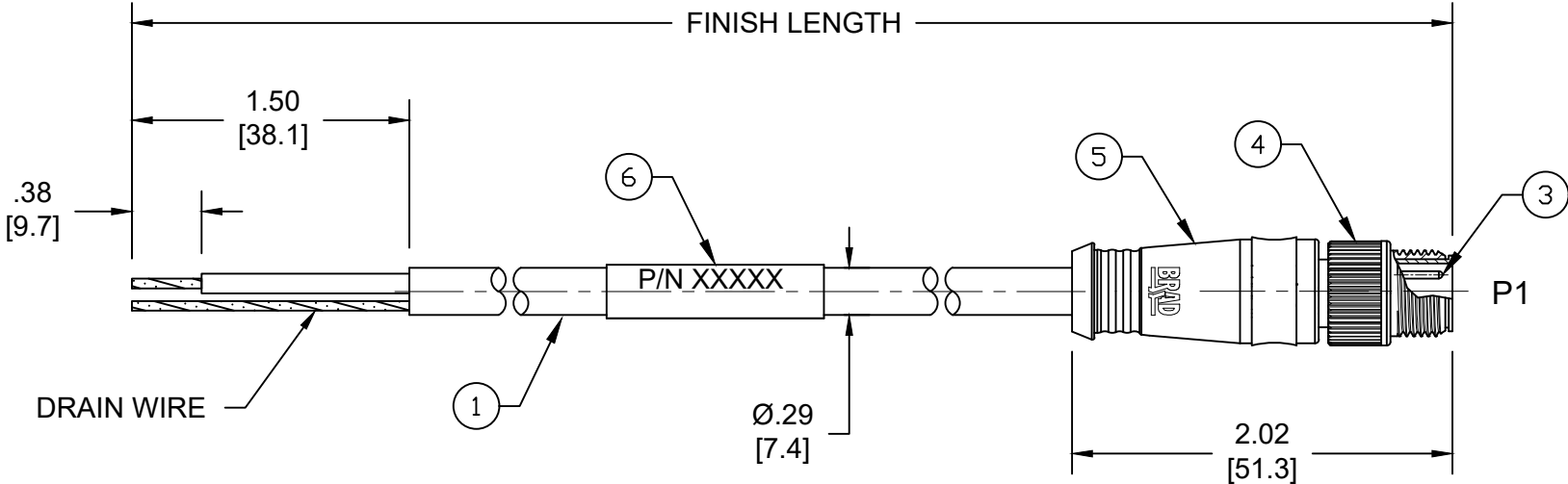
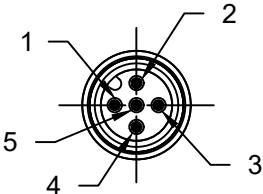


MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300270012	DND02A-M010	1M [3FT 3 IN]
1300270022	DND02A-M100	10M [32FT 10 IN]
1300270027	DND02A-M250	25M [82FT]

Ⓒ

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	2024/09/19	14:11:31
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FUNCTIONAL SYMBOLS $\nabla_F=0$ $\nabla_C=0$ $\nabla_P=0$ 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		CURRENT REV DESC: CHANGED VOLTAGE RATING FROM 250V TO 60V. MODIFIED PN CHART.			molex					
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
	mm		INCH		EC NO: 791028			MICRO-CHANGE DEVICE-NET CABLE ASSY 5-POLE, MALE, M12, STRAIGHT, 22AWG PVC					
	4 PLACES ±----		±----								DRWN: ABENJAMINLW 2024/06/03		
	3 PLACES ±----		±----		CHK'D: LESPINOZA 2024/07/10								
	2 PLACES ±----		±----					APPR: BWOODMAN 2024/09/19					
	1 PLACE ±----		±----		PRODUCT CUSTOMER DRAWING								
	0 PLACES ±----		±----					DOCUMENT NUMBER SD-130027-001					
	ANGULAR TOL ± ---- °				DOC TYPE DOC PART REVISION PSD 001 C								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING B-SIZE				SERIES 130027		MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL MARKET	