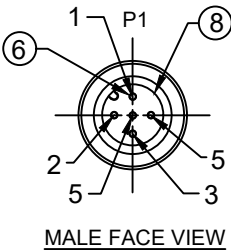
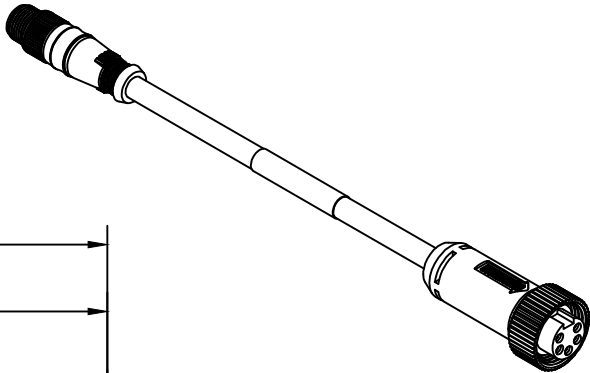
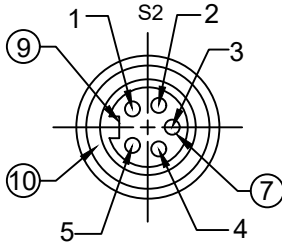


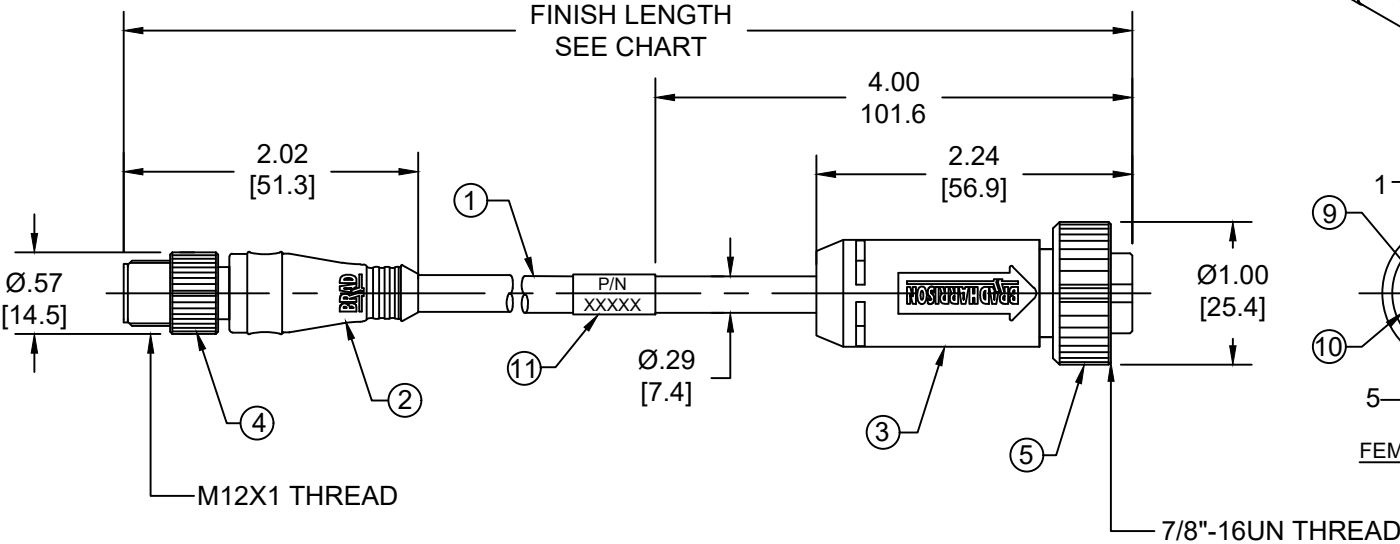
SAP P/N #	ENGINEERING P/N	FINISHED LENGTH
1300390147	DND12A-M030	3M [9FT 10 IN]
1300390150	DND12A-M060	6M [19FT 8 IN]



MALE FACE VIEW



FEMALE FACE VIEW



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

PART NUMBER LEGEND

DND12A-M005

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

P1		S2	
1	DRAIN	1	
2	RED	2	
3	BLACK	3	
4	WHITE	4	
5	BLUE	5	

WIRING 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

11	WRAP LABEL	VINYL	YELLOW
10	FRICTION RING	NYLON	WHITE
9	FEMALE INSERT(MINI)	TPE	BLACK
8	MALE INSERT(MICRO)	NYLON	BLACK
7	SOCKET CONTACT	COPPER ALLOY	GOLD PLATED
6	PIN CONTACT	COPPER ALLOY	GOLD PLATED
5	COUPLING NUT(MINI)	ZINC DIE-CAST	BLACK E-COAT
4	COUPLING NUT(MICRO)	ZINC DIE-CAST	BLACK E-COAT
3	OVERMOLD(MINI)	TPC	GRAY
2	OVERMOLD(MICRO)	TPC	GRAY
1	DEVICENET DROP CABLE	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 NUMBERS AS PER PCN#517292				molex			
INCH/MM		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)								MICRO-MINI CHANGE DEVICENET, M12-A-SIZE, 5 POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY, #22/4 AWG			
		mm	INCH	EC NO: 838027				PRODUCT CUSTOMER DRAWING			
4 PLACES	±	----	±	DRWN: RAGHAH3 2025/09/17							
3 PLACES	±	----	±	CHK'D: GGA 2025/10/30				DOCUMENT NUMBER			
2 PLACES	±	----	±	APPR: GGA 2025/10/30				SD-130039-018			
1 PLACE	±	----	±	INITIAL REVISION:				DOC TYPE		DOC PART	
0 PLACES	±	----	±	DRWN: TWOLDEGE 2010/01/11				PSD		001	
ANGULAR TOL ± ---- °				APPR: JFMURPHY 2010/01/20				REVISION		C1	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
						A-SIZE		130039		SEE CHART	
								CUSTOMER		SHEET NUMBER	
								GENERAL MARKET		1 OF 1	

DOCUMENT STATUS	P1	RELEASE DATE	2025/10/30	11:18:20
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