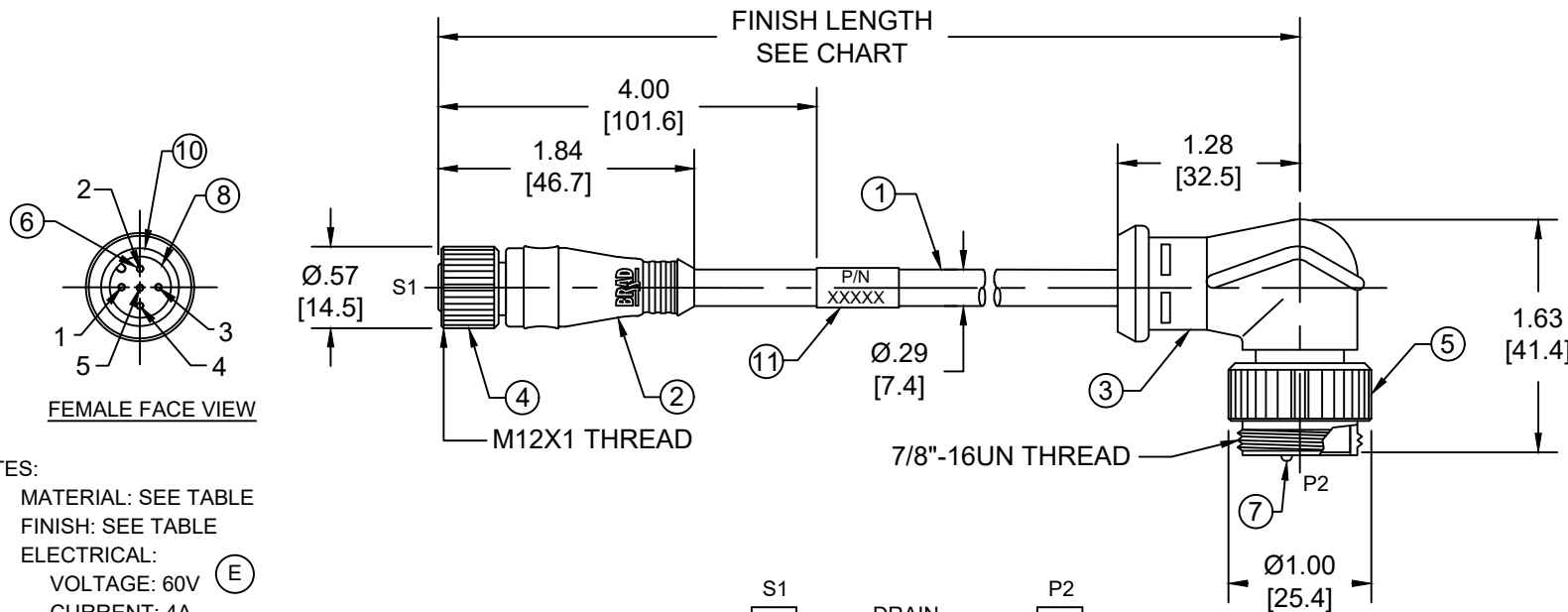


6		5		
SAP P/N #	ENGINEERING P/N		FINISHED LENGTH	
1300390112	DND29A-M002		0.2M [8 IN]	
1300390176	DND29A-M030		3M [9FT 10 IN]	
1300390177	DND29A-M050		5M [16FT 5 IN]	

PART NUMBER LEGEND

DND29A-M002

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



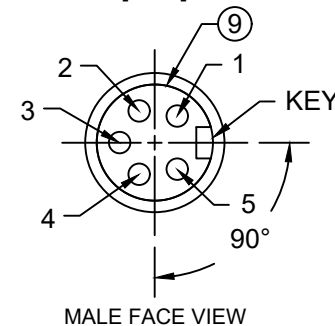
FEMALE FACE VIEW

NOTES:

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

S1		P2
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	O-RING	NITRILE	RED
9	INSERT(MINI)	TPE	BLACK
8	INSERT(MICRO)	NYLON	BLACK
7	PIN CONTACT	COPPER ALLOY	GOLD PLATED
6	SOCKET 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

FUNCTIONAL SYMBOLS	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: VOLTAGE CHANGED FROM 250V TO 60V LABEL FINISH CHANGED FROM BLACK/YELLOW TO YELLOW. ITEM 6, 7 FINISH CHANGED TO GOLD PLATED			molex		
	INCH/MM		NTS							
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 796537			MINI-MICRO CHANGE DEVICENET, A-SIZE-M12, 5 POLE, MALE 90DEG-FEMALE STRAIGHT, SINGLE KEY, #22/4 AWG		
		mm	INCH							
	4 PLACES	±----	±----		DRWN: ABENJAMINLW 2024/08/05			2024/08/27		
	3 PLACES	±----	±----							
	2 PLACES	±----	±----		APPR: BWOODMAN 2024/09/19			PRODUCT CUSTOMER DRAWING		
	1 PLACE	±----	±----							
	0 PLACES	±----	±----		INITIAL REVISION:			DOCUMENT NUMBER SD-130039-021		
ANGULAR TOL ± ---- °				DOC TYPE PSD						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							DOC PART 001			REVISION E
THIRD ANGLE PROJECTION				DRAWING A-SIZE						
							SERIES 130039			
				MATERIAL NUMBER SEE CHART						CUSTOMER GENERAL MARKET