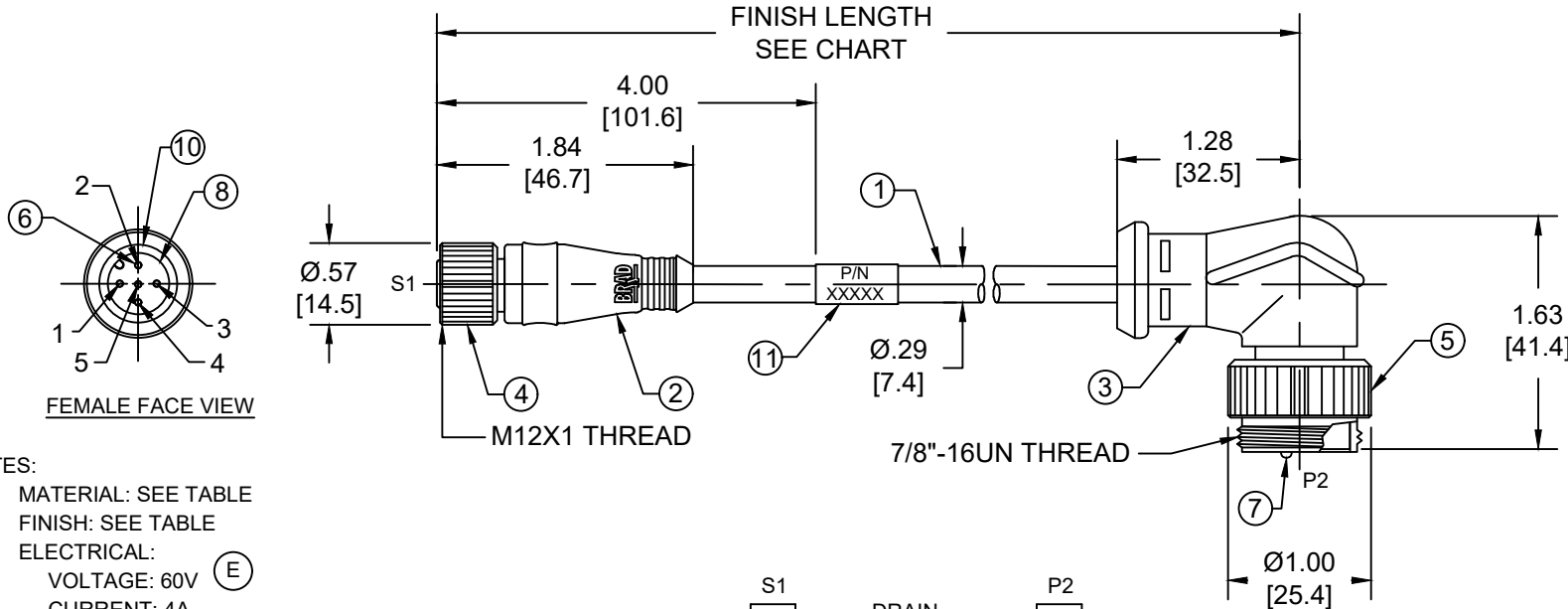


6		5		
SAP P/N #	ENGINEERING P/N		FINISHED LENGTH	
1300390112	DND29A-M002		0.2M [8 IN]	
1300390176	DND29A-M030		3M [9FT 10 IN]	
1300390177	DND29A-M050		5M [16FT 5 IN]	

PART NUMBER LEGEND

DND29A-M002

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



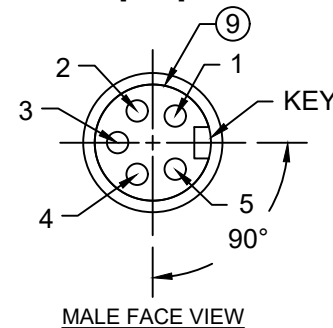
FEMALE FACE VIEW

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										
FA=0 FE=0 FF=0	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)										
DIVISIONAL SYMBOLS			mm	INCH	EC NO: 796537			MINI-MICRO CHANGE DEVICENET, A-SIZE-M12, 5 POLE, MALE 90DEG-FEMALE STRAIGHT, SINGLE KEY, #22/4 AWG			
	4 PLACES	± ----	± ----								
	3 PLACES	± ----	± ----	DRWN: ABENJAMINLW 2024/08/05			PRODUCT CUSTOMER DRAWING				
	2 PLACES	± ----	± ----								CHK'D: LESPINOZA 2024/08/27
	1 PLACE	± ----	± ----	APPR: BWOODMAN 2024/09/19			INITIAL REVISION:				
	0 PLACES	± ----	± ----								DRWN: TWOLDEGE 2010/01/11 2010/01/20
	ANGULAR TOL ± ---- °				SD-130039-021		PSD	001	E		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
						A-SIZE	130039	SEE CHART		GENERAL MARKET	1 OF 1