

SAP P/N #	ENGINEERING P/N	FINISHED LENGTH
1300390151	DND13A-M010	1M [3FT 3 IN]
1300390608	DND13A-M150	15M [49FT 3 IN]
1300390610	DND13A-M300	30M [98FT 5 IN]

PART NUMBER LEGEND

DND13A-M002

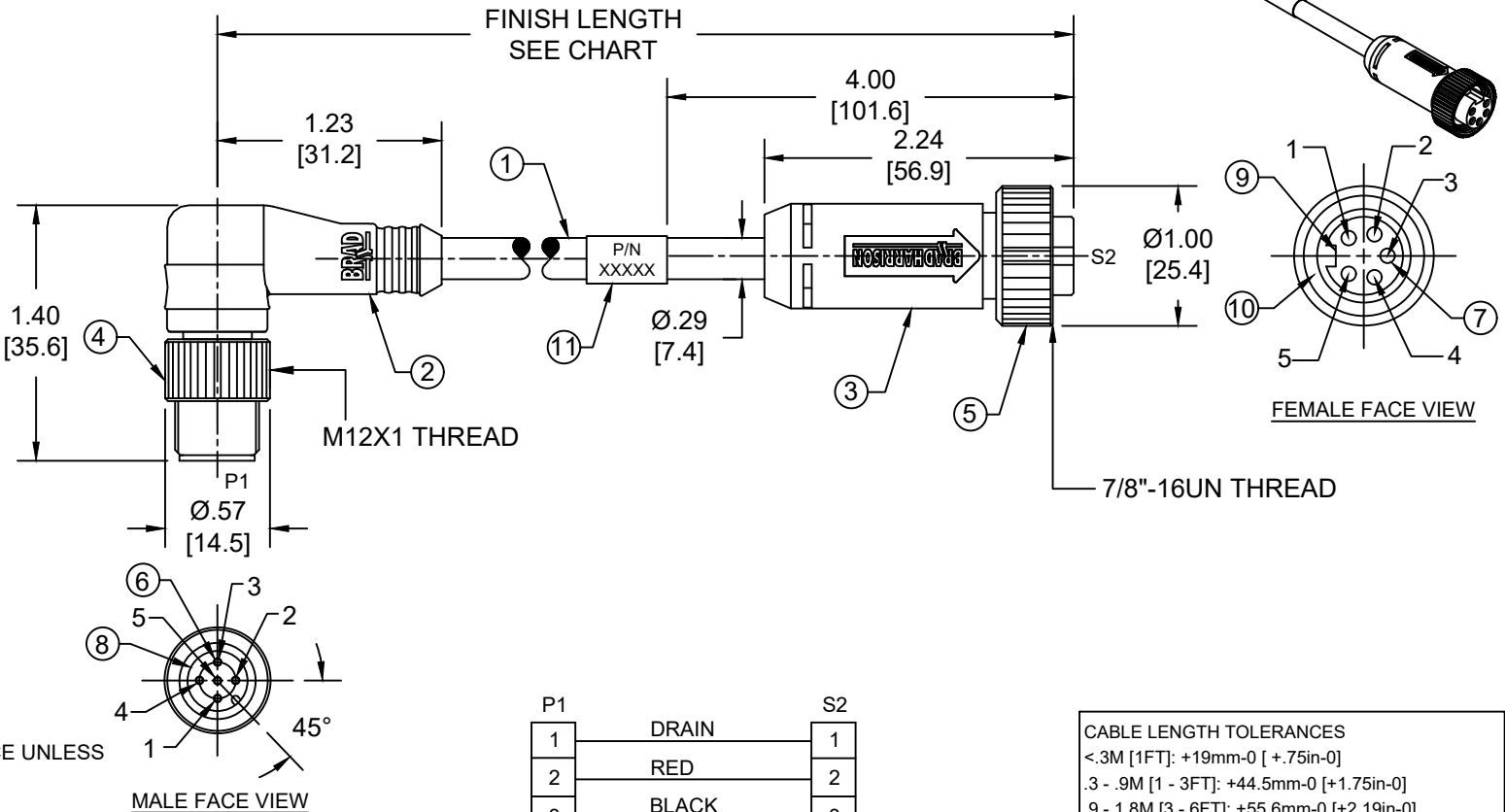
LENGTH:
M005= 0.5 METER
M010= 1 METER
M100= 10 METER

NOTES:

- MATERIAL: SEE TABLE
- FINISH: SEE TABLE
- 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

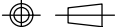
11	WRAP LABEL	VINYL	YELLOW
10	FRICTION RING	NYLON	WHITE
9	FEMALE INSERT(MINI)	TPE	BLACK
8	MALE INSERT(MICRO)	NYLON	BLACK
7	SOCKET CONTACT	COPPER ALLOY	GOLD PLATED
6	PIN CONTACT	COPPER ALLOY	GOLD PLATED
5	COUPLING NUT(MINI)	ZINC DIE-CAST	BLACK E-COAT
4	COUPLING NUT(MICRO)	ZINC DIE-CAST	BLACK E-COAT
3	OVERMOLD(MINI)	TPC	GRAY
2	OVERMOLD(MICRO)	TPC	GRAY
1	DEVICENET DROP CABLE	PVC JACKET	GRAY
ITEM	COMPONENT	MATERIAL	FINISH

DOCUMENT STATUS P1 RELEASE DATE 2024/09/19 14:14:32



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	

WIRING DIAGRAM

FUNCTIONAL SYMBOLS										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
FA=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															
FE=0		GENERAL TOLERANCES (UNLESS SPECIFIED)						EC NO: 796537												
			mm		INCH															
FD=0		4 PLACES ± ---- ± ----						DRWN: ABENJAMINLW 2024/08/05												
		3 PLACES ± ---- ± ----																		
DIVISIONAL SYMBOLS		2 PLACES ± ---- ± ----						CHK'D: LESPINOZA 2024/08/27												
		1 PLACE ± ---- ± ----																		
		0 PLACES ± ---- ± ----						APPR: BWOODMAN 2024/09/19												
		ANGULAR TOL ± ---- °																		
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		

molex

MICRO-MINICHANGE DEVICENET, M12-A-SIZE,
5 POLE, MALE 90DEG - FEMALE STRAIGHT,
SINGLE KEY, #22/4 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130039-019	PSD	001	C