

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 ]

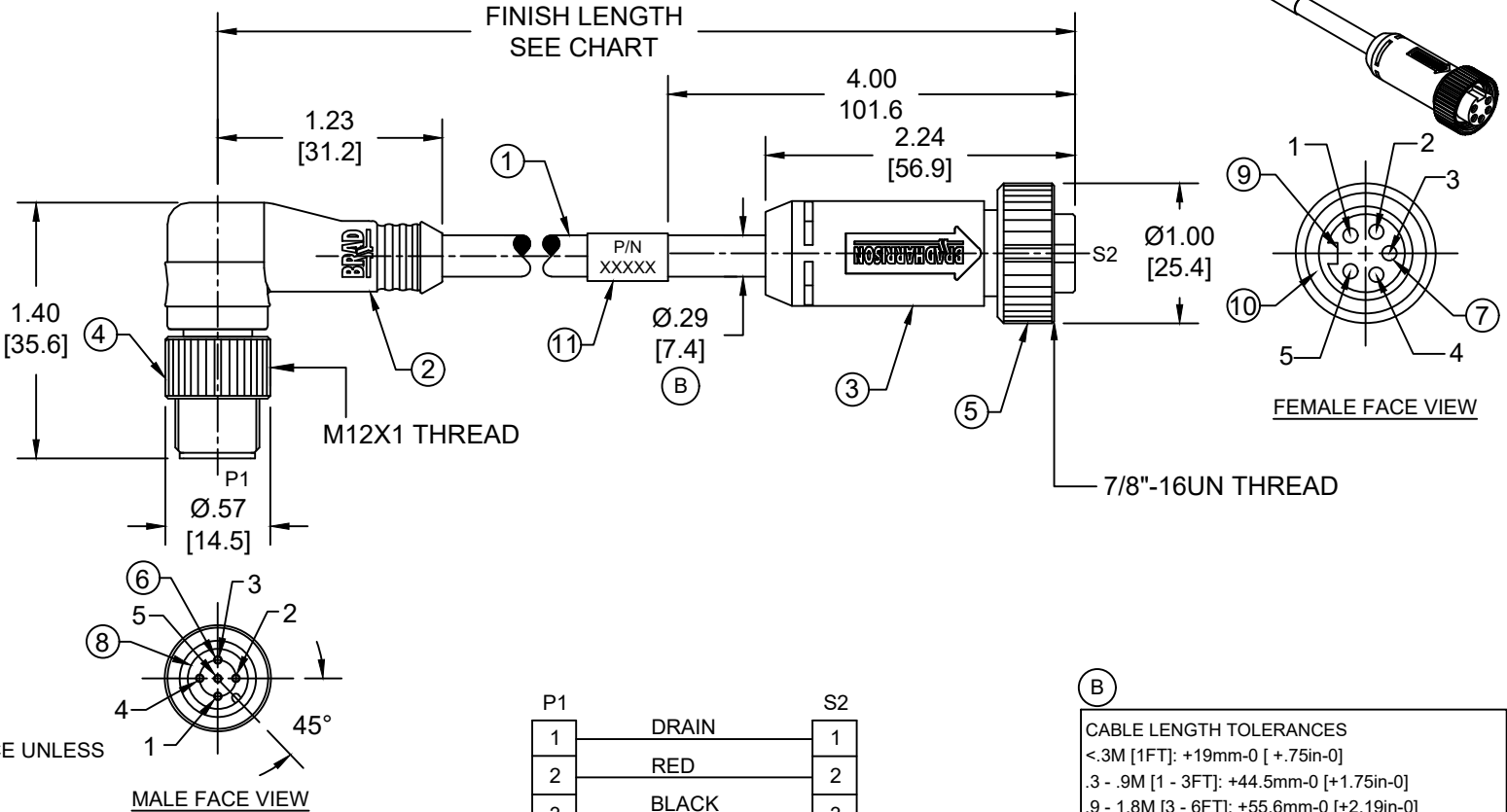
**PART NUMBER LEGEND**

DND13A-M002

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

**NOTES:**

- MATERIAL: SEE TABLE
- FINISH: SEE TABLE
- ELECTRICAL:  
VOLTAGE: 250V  
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	BLACK/YELLOW
10	FRICTION RING	NYLON	WHITE
9	FEMALE INSERT(MINI)	TPE	BLACK
8	MALE INSERT(MICRO)	NYLON	BLACK
7	SOCKET CONTACT	COPPER ALLOY	GOLD OVER NICKEL
6	PIN CONTACT	COPPER ALLOY	GOLD OVER NICKEL
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

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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

**FUNCTIONAL SYMBOLS**  
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**DIVISIONAL SYMBOLS**  
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**GENERAL TOLERANCES (UNLESS SPECIFIED)**

	DIMENSION UNITS		SCALE	
	INCH	MM	INCH	MM
4 PLACES	±----	±----	±----	±----
3 PLACES	±----	±----	±----	±----
2 PLACES	±----	±----	±----	±----
1 PLACE	±----	±----	±----	±----
0 PLACES	±----	±----	±----	±----

ANGULAR TOL ± ---- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

**CURRENT REV DESC:** ITEM-2, 3 & 9 WERE PVC. ADDED ITEM-10, TOL CHART, UL, CSA, CABLE DIA AND PN LEGEND. MODIFIED PN CHART

**EC NO:** 720800

**DRWN:** ABENJAMINLW 2022/07/22

**CHK'D:** RSTONE 2022/09/09

**APPR:** BWOODMAN 2022/09/09

**INITIAL REVISION:**

**DRWN:** TWOLDEGE 2010/01/11

**APPR:** JFMURPHY 2010/01/20

**DOCUMENT NUMBER:** SD-130039-019

**DOC TYPE/DOC PART:** PSD 001

**REVISION:** B

**PRODUCT CUSTOMER DRAWING**

**MOLEX**

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

**MATERIAL NUMBER:** SEE CHART

**CUSTOMER:** GENERAL MARKET

**SHEET NUMBER:** 1 OF 1