

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]

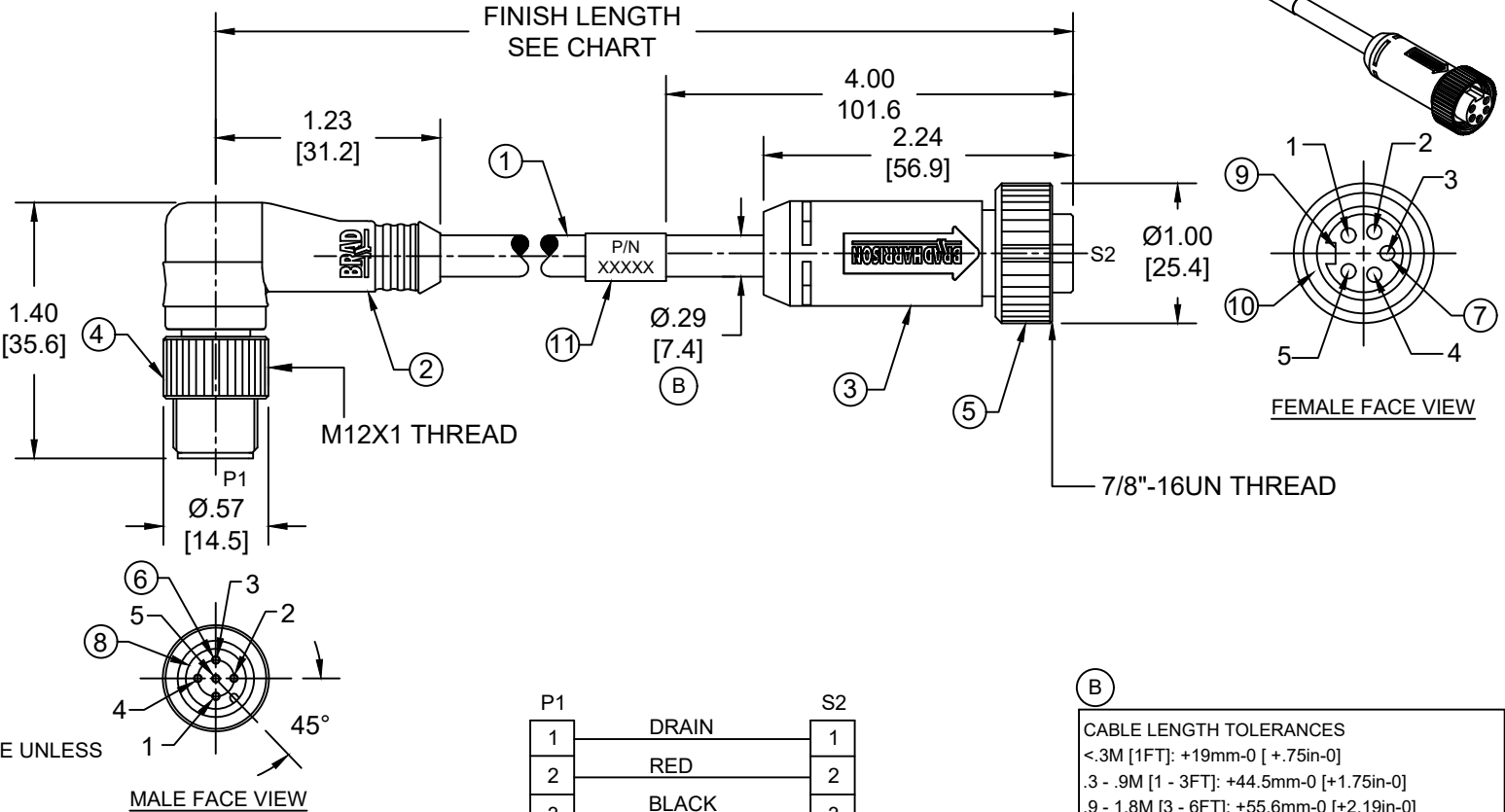
PART NUMBER LEGEND

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
 $\nabla = 0$
 $\nabla = 0$
 $\nabla = 0$

DIVISIONAL SYMBOLS
 $\nabla = 0$
 $\nabla = 0$

GENERAL TOLERANCES (UNLESS SPECIFIED)

	SCALE	
	mm	INCH
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

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PRODUCT CUSTOMER DRAWING

MOLEX

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

DRAWING: A-SIZE

SERIES: 130039

MATERIAL NUMBER: SEE CHART

CUSTOMER: GENERAL MARKET

SHEET NUMBER: 1 OF 1