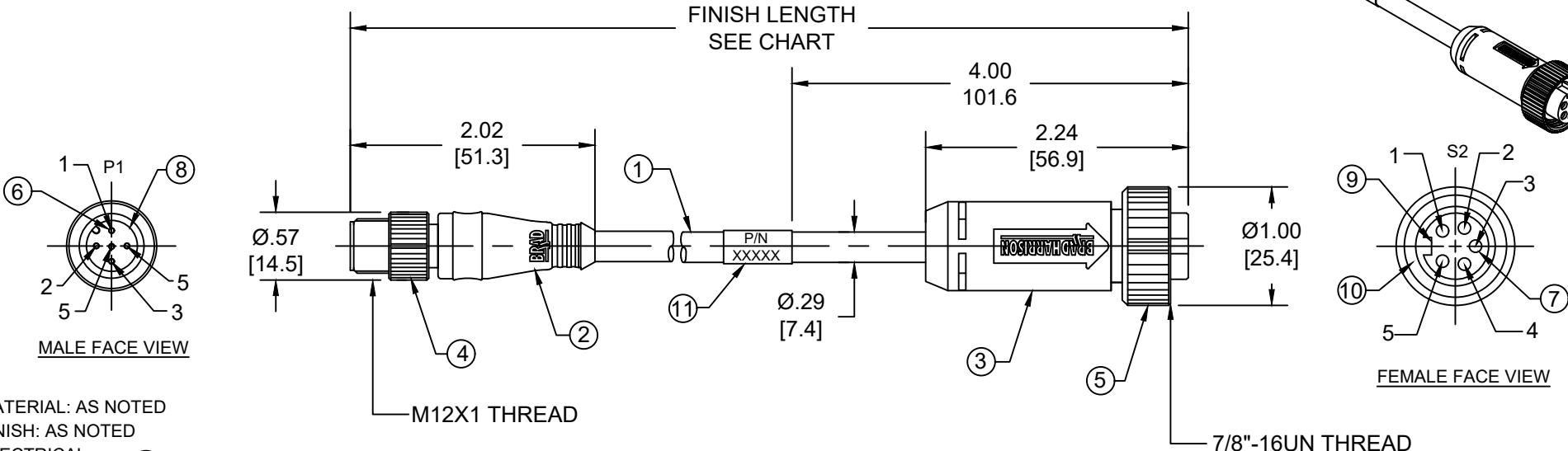
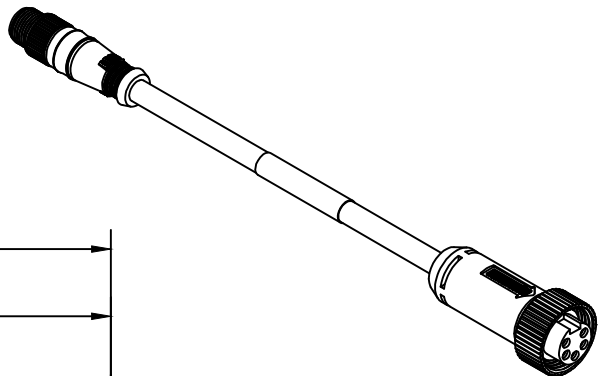


SAP P/N #	ENGINEERING P/N	FINISHED LENGTH
1300390144	DND12A-M005	0.5M [1FT 8 IN]
1300390147	DND12A-M030	3M [9FT 10 IN]
1300390150	DND12A-M060	6M [19FT 8 IN]



- NOTES:
- 1. MATERIAL: AS NOTED
 - 2. FINISH: AS NOTED
 - 3. ELECTRICAL:
VOLTAGE: 60V
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

PART NUMBER LEGEND

DND12A-M005

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

P1		S2	
1	DRAIN	1	
2	RED	2	
3	BLACK	3	
4	WHITE	4	
5	BLUE	5	

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

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	14:13:05
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FUNCTIONAL SYMBOLS

$\frac{E}{A}=0$

$\frac{E}{C}=0$

$\frac{E}{P}=0$

DIVISIONAL SYMBOLS

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

DIMENSION UNITS	SCALE	
INCH/MM	NTS	
GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	±----	±----
3 PLACES	±----	±----
2 PLACES	±----	±----
1 PLACE	±----	±----
0 PLACES	±----	±----
ANGULAR TOL ± ---- °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

CURRENT REV DESC: VOLTAGE CHNGD FROM 250V TO 60V. CONTACTS FINISH CHNGD FROM GOLD/NICKEL TO GOLD PLATED. LABEL FINISH CHNGD FROM BLAC/YELLOW TO YELLOW

EC NO: 796482

DRWN: ABENJAMINLW 2024/07/17

CHK'D: LESPINOZA 2024/08/27

APPR: BWOODMAN 2024/09/19

INITIAL REVISION:

DRWN: TWOLDEGE 2010/01/11

APPR: JFMURPHY 2010/01/20

THIRD ANGLE PROJECTION

DRAWING A-SIZE

SERIES 130039

molex

MICRO-MINI CHANGE DEVICENET, M12-A-SIZE, 5 POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY, #22/4 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130039-018	PSD	001	C

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 1