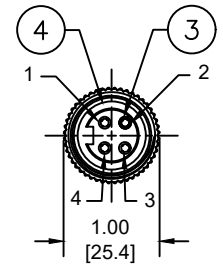
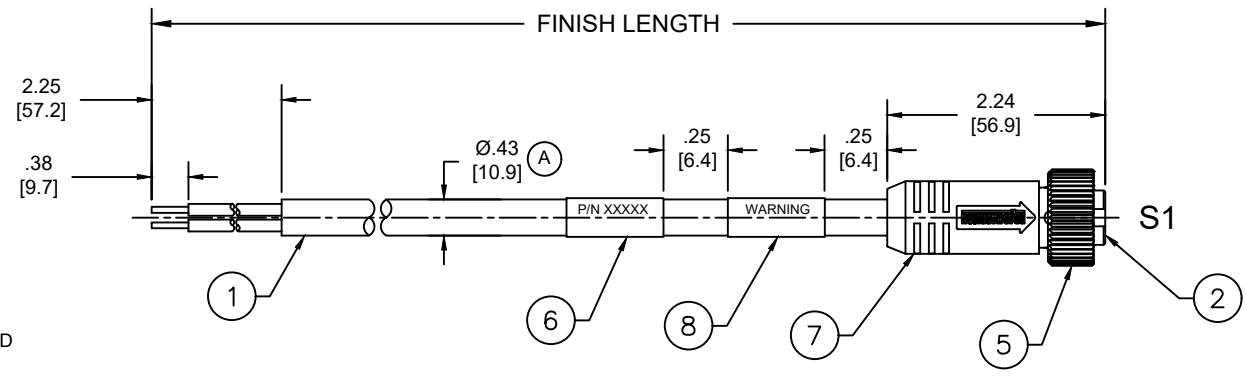
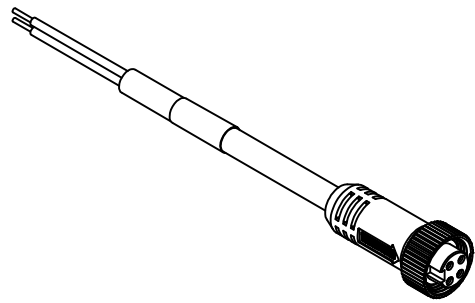


MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300610077	104000A45M010	1M [3FT 3 IN]
1300610086	104000A45M100	10M [32FT 10 IN]
1300611009	104000A45M300	30M [98FT 5 IN]

**(A) PART NUMBER LEGEND**  
104000A45M010

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



**FACE VIEW FEMALE**

- NOTES:**
- MATERIAL: AS NOTED
  - FINISH: AS NOTED
  - ELECTRICAL:
    - VOLTAGE: 483V PER IEC60664 (A)
    - 600V PER UL2237
    - CURRENT: 10A
  - TEMP RATING: -20°TO +105°C (A)
  - PROTECTION: IP67 (WHEN MATED)
  - COUPLING THREAD: 7/8"-16UN
  - UL LISTED FILE: E258922
  - ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

**S1**

BLACK	1
WHITE	2
RED	3
GREEN/YELLOW	4

**(A)**

**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**

ITEM	DESCRIPTION	MATERIAL	FINISH
8	WARNING LABEL	VINYL	BLACK
7	OVERMOLD	TPE	GRAY
6	WRAP LABEL	VINYL	YELLOW
5	COUPLING NUT	ZINC ALLOY	BLACK E-COAT
4	FRICTION RING	NYLON	WHITE
3	SOCKET CONTACT	COPPER ALLOY	GOLD OVER NICKEL
2	INSERT	TPE	BLACK
1	#16/4 CABLE	PVC JACKET	GRAY

<b>FUNCTIONAL SYMBOLS</b> $F_A=0$ $F_C=0$ $F_P=0$	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		<b>CURRENT REV DESC:</b> ITEM 2 & 7 WERE PVC. SLEEVE & SOCKET SHOWN AS ITEM-3. ADDED IEC VOLTAGE, PN LEGEND, CABLE DIA & TOL CHART. MODIFIED TEMP RATING AND PN TABLE.		
	<b>DIMENSION UNITS</b> INCH/MM	<b>SCALE</b> NTS	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		
			mm	INCH	
	4 PLACES	±----	±----		
3 PLACES	±----	±----			
2 PLACES	±----	±----			
1 PLACE	±----	±----			
0 PLACES	±----	±----			
<b>DIVISIONAL SYMBOLS</b>		ANGULAR TOL ± ---- °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

<b>EC NO:</b> 698916		<b>DRWN:</b> ABENJAMINLW 2021/06/10	
<b>CHK'D:</b> RSTONE 2022/03/09		<b>APPR:</b> BWOODMAN 2022/03/11	
<b>INITIAL REVISION:</b>			
<b>DRWN:</b> VOU 2010/01/14		<b>APPR:</b> JFMURPHY 2010/01/20	

<b>DOCUMENT NUMBER</b> SD-130061-011		<b>DOC TYPE/DOC PART</b> PSD 001		<b>REVISION</b> A
<b>MATERIAL NUMBER</b> SEE CHART		<b>CUSTOMER</b> GENERAL MARKET		<b>SHEET NUMBER</b> 1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2022/03/11	14:29:44
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