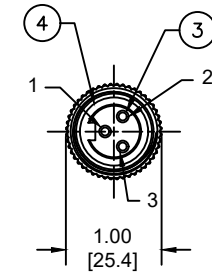
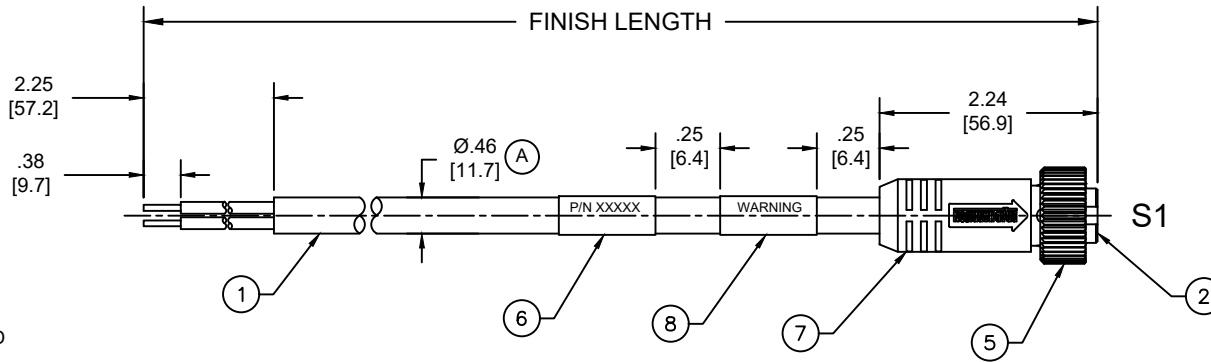
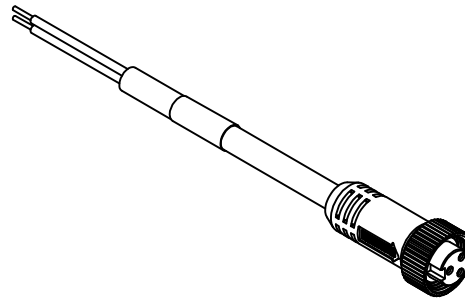


MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300610024	103000A45M010	1M [3FT 3 IN]
1300610028	103000A45M100	10M [32FT 10 IN]
1300610232	103000A45M300	30M [98FT 5 IN]

**(A) PART NUMBER LEGEND**

103000A45M010

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

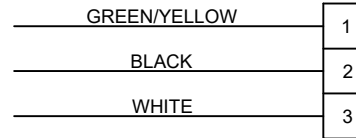


FACE VIEW FEMALE

**NOTES:**

- MATERIAL: AS NOTED
- FINISH: AS NOTED
- ELECTRICAL:
  - VOLTAGE: 500V PER IEC60664 (A)
  - 600V PER UL2237
  - CURRENT: 13A
- TEMP RATING: -20°TO +90°C
- PROTECTION: IP67 (WHEN MATED)
- COUPLING THREAD: 7/8"-16UN
- UL LISTED FILE: E258922
- ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

S1



WIRING DIAGRAM

(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

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

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/04	21:13:44
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FUNCTIONAL SYMBOLS FA=0 FC=0 FE=0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
	DIMENSION UNITS	SCALE	CURRENT REV DESC: ITEM 2 & 7 WERE PVC. ADDED IEC VOLTAGE, PN LEGEND, CABLE DIA & TOL CHART. MODIFIED ITEM-4 FINISH AND PN TABLE.	
	INCH/MM	NTS		
	GENERAL TOLERANCES (UNLESS SPECIFIED)			
DIVISIONAL SYMBOLS		mm	INCH	EC NO: 704134
	4 PLACES	±----	±----	DRWN: ABENJAMINLW 2021/06/09
	3 PLACES	±----	±----	CHK'D: RSTONE 2022/04/27
	2 PLACES	±----	±----	APPR: BWOODMAN 2022/05/04
	1 PLACE	±----	±----	INITIAL REVISION:
	0 PLACES	±----	±----	DRWN: VOU 2010/01/11
	ANGULAR TOL	± ---- °		APPR: JFMURPHY 2010/01/20
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING
			A-SIZE	SERIES
			130061	MATERIAL NUMBER
			SEE CHART	CUSTOMER
			GENERAL MARKET	SHEET NUMBER
			1 OF 1	

**molex**

BRAD POWER CORDSET, A-SIZE  
3-POLE, FEMALE, STRAIGHT, SINGLE KEY,  
#16 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130061-005	PSD	001	A