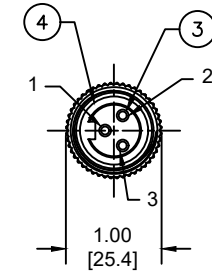
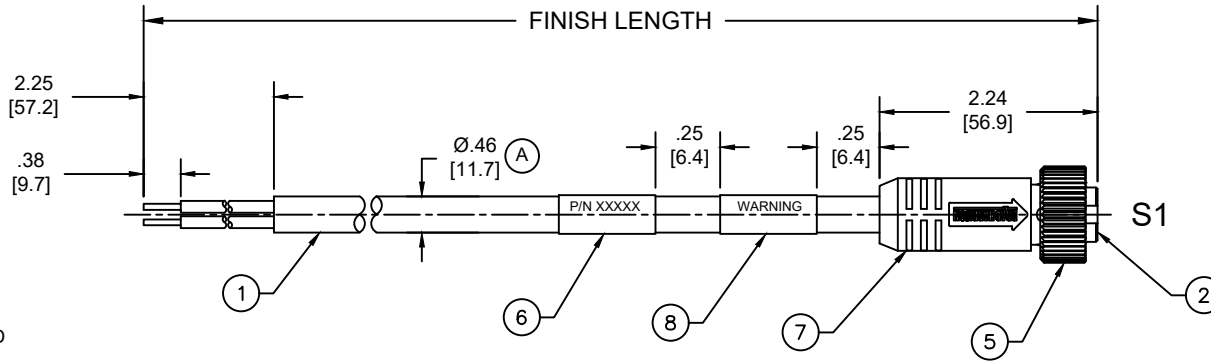
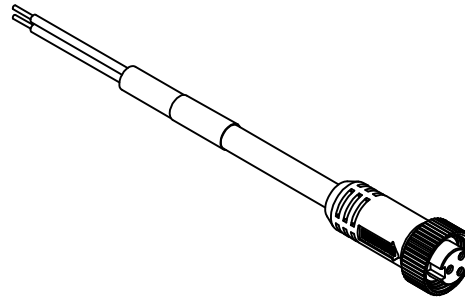


MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300610024	103000A45M010	1M [3FT 3 IN]
1300610028	103000A45M100	10M [32FT 10 IN]
1300610232	103000A45M300	30M [98FT 5 IN]

(A) PART NUMBER LEGEND

103000A45M010

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

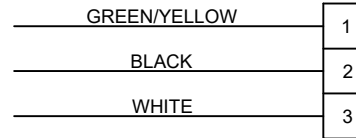


FACE VIEW FEMALE

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

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		CURRENT REV DESC: ITEM 2 & 7 WERE PVC. ADDED IEC VOLTAGE, PN LEGEND, CABLE DIA & TOL CHART. MODIFIED ITEM-4 FINISH AND PN TABLE.		
	DIMENSION UNITS	SCALE	GENERAL TOLERANCES (UNLESS SPECIFIED)		
	INCH/MM	NTS	mm	INCH	EC NO: 704134
			4 PLACES ±----	±----	DRWN: ABENJAMINLW 2021/06/09
DIVISIONAL SYMBOLS			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	SERIES	DOCUMENT NUMBER
			A-SIZE	130061	SD-130061-005
					DOC TYPE
					PSD
					001
					A
					REVISION

molex

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

PRODUCT CUSTOMER DRAWING