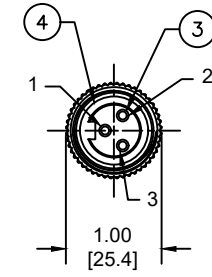
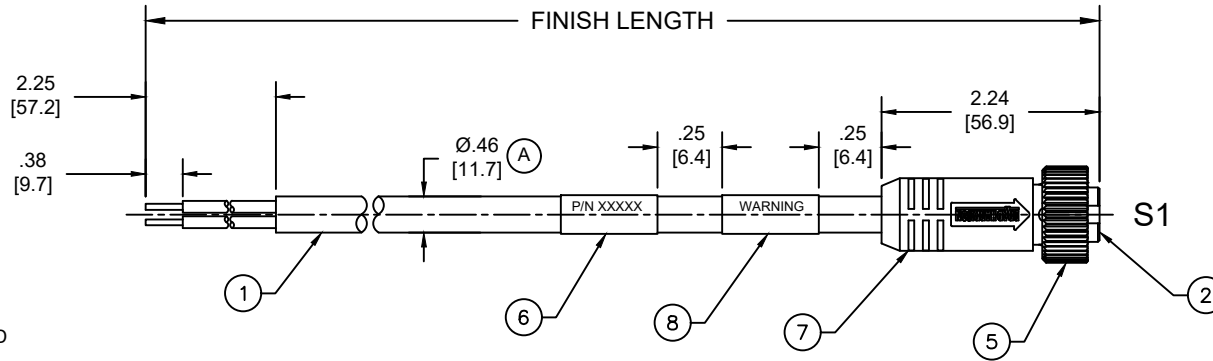
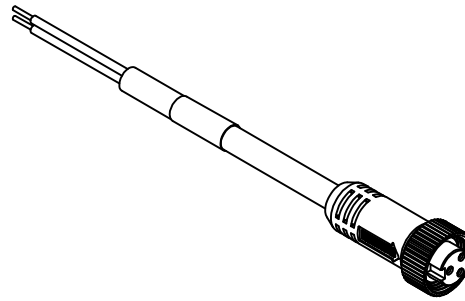


MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300610024	103000A45M010	1M [3FT 3 IN]
1300610028	103000A45M100	10M [32FT 10 IN]
1300610232	103000A45M300	30M [98FT 5 IN]

(A) PART NUMBER LEGEND

103000A45M010

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

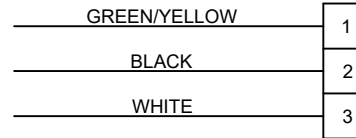


FACE VIEW FEMALE

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

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
ITEM	DESCRIPTION	MATERIAL	FINISH

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
DIMENSION UNITS	INCH/MM	SCALE NTS
$F_A=0$		
$F_C=0$		
$F_P=0$		
DIVISIONAL SYMBOLS	CURRENT REV DESC: ITEM 2 & 7 WERE PVC. ADDED IEC VOLTAGE, PN LEGEND, CABLE DIA & TOL CHART. MODIFIED ITEM-4 FINISH AND PN TABLE.	
	GENERAL TOLERANCES (UNLESS SPECIFIED)	EC NO: 704134
		DRWN: ABENJAMINLW 2021/06/09
		CHK'D: RSTONE 2022/04/27
		APPR: BWOODMAN 2022/05/04
		INITIAL REVISION:
		DRWN: VOU 2010/01/11
		APPR: JFMURPHY 2010/01/20
	ANGULAR TOL ± --- °	
	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

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/04	21:13:44
-----------------	----	--------------	------------	----------