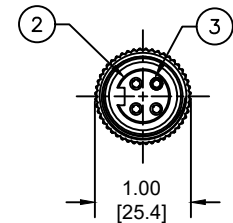
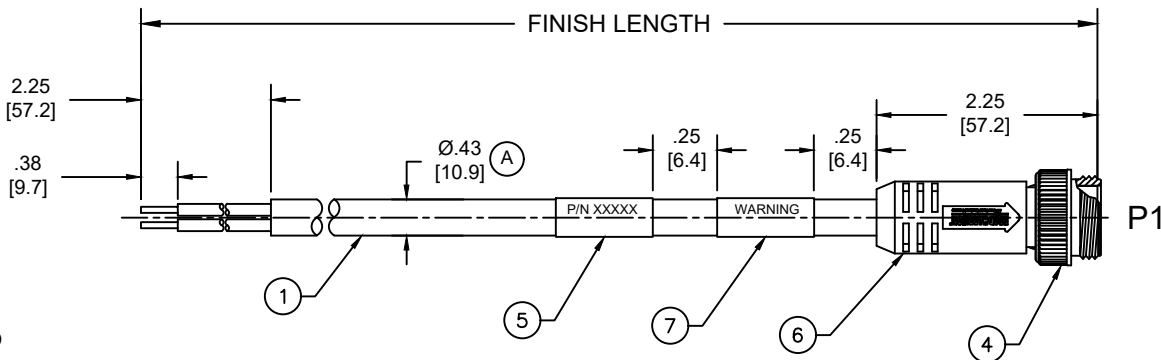
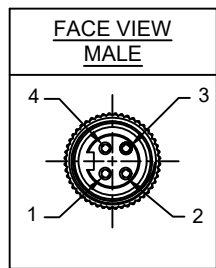


MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300610129	104006A45M005	0.5M [1FT 8 IN]
1300610141	104006A45M100	10M [32FT 10 IN]
1300610142	104006A45M300	30M [98FT 5 IN]

(A) PART NUMBER LEGEND

104006A45M005

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



FACE VIEW - MALE

NOTES:

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

P1

BLACK	1
WHITE	2
RED	3
GREEN/YELLOW	4

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

7	WARNING LABEL	VINYL	BLACK
6	OVERMOLD	TPE	GRAY
5	WRAP LABEL	VINYL	YELLOW
4	COUPLING NUT	ZINC ALLOY	BLACK E-COAT
3	PIN CONTACT	BRASS	GOLD OVER NICKEL
2	4P MALE INSERT	TPE	BLACK
1	#16/4 CABLE	PVC JACKET	GRAY
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2022/03/11	14:29:46
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FUNCTIONAL SYMBOLS	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 & 6 WERE PVC. ADDED IEC VOLTAGE, PN LEGEND, CABLE DIA & TOL CHART. MODIFIED TEMP RATING AND PN TABLE.			molex BRAD POWER CORDSET, A-SIZE 4-POLE, MALE, STRAIGHT, SINGLE KEY, #16 AWG												
	INCH/MM		NTS																	
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 698916			PRODUCT CUSTOMER DRAWING												
		mm	INCH																	
	4 PLACES ± ---- ± ----				DRWN: ABENJAMINLW 2021/06/14			DOCUMENT NUMBER SD-130061-015							DOC TYPE PSD		DOC PART 001		REVISION A	
	3 PLACES ± ---- ± ----																			
	2 PLACES ± ---- ± ----				APPR: BWOODMAN 2022/03/11															
	1 PLACE ± ---- ± ----							INITIAL REVISION: DRWN: VOU 2010/01/14 APPR: JFMURPHY 2010/01/20												
	0 PLACES ± ---- ± ----				THIRD ANGLE PROJECTION						DRAWING A-SIZE		SERIES 130061		MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 1	
ANGULAR TOL ± ---- °																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																				