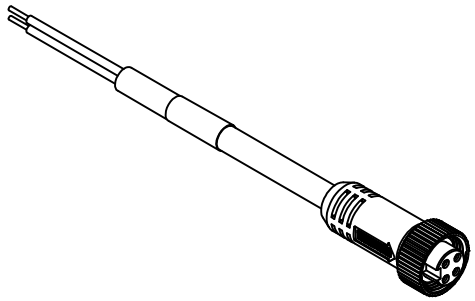
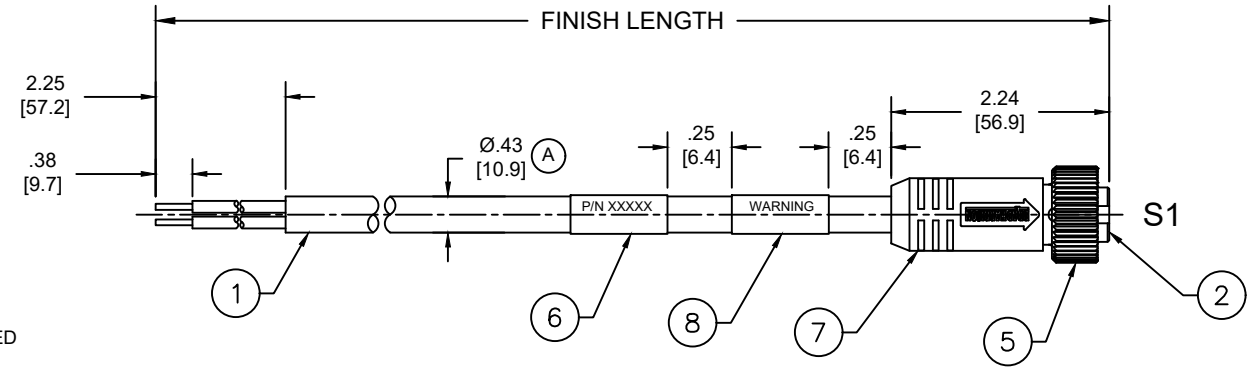
MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300610077	104000A45M010	1M [3FT 3 IN]
1300610086	104000A45M100	10M [32FT 10 IN]
1300611009	104000A45M300	30M [98FT 5 IN]

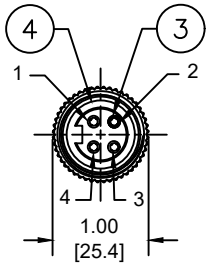
(A) PART NUMBER LEGEND

104000A45M010

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



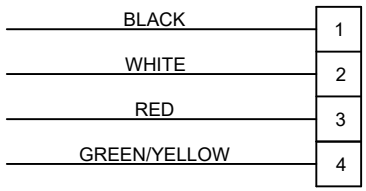




FACE VIEW FEMALE

NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE: 483V PER IEC60664 (A)
   600V PER UL2237
   CURRENT: 10A
4. TEMP RATING: -20°TO +105°C (A)
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: 7/8"-16UN
6. UL LISTED FILE: E258922
7. 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
7	OVERMOLD	TPE	GRAY (A)
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 (A)
1	#16/4 CABLE	PVC JACKET	GRAY

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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS
FA=0
FC=0
FP=0
DIVISIONAL SYMBOLS

DIMENSION UNITS: INCH/MM
SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±----	±----
3 PLACES	±----	±----
2 PLACES	±----	±----
1 PLACE	±----	±----
0 PLACES	±----	±----
ANGULAR TOL ±	---- °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: 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.

EC NO: 698916
DRWN: ABENJAMINLW 2021/06/10
CHK'D: RSTONE 2022/03/09
APPR: BWOODMAN 2022/03/11

INITIAL REVISION:
DRWN: VOU 2010/01/14
APPR: JFMURPHY 2010/01/20

THIRD ANGLE PROJECTION | DRAWING: A-SIZE | SERIES: 130061

molex

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

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130061-011	PSD	001	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 1

FORMAT: IN-ACAD-tb-prod-A
REVISION: B
DATE: 2020/01/14