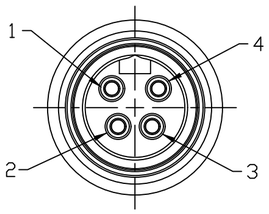
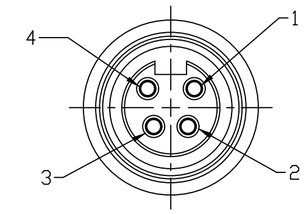
PART NO	ENGINEERING NO.	FINISHED LENGTH
1300620120	114030A46M010	1M [3 FT 3 IN]
1300620141	114030A46M300	30M [98 FT 5 IN]
1300621062	114030A46M840	84M [275 FT 7 IN]

MALE INSERT
FRONT VIEW

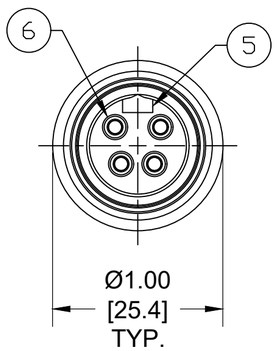


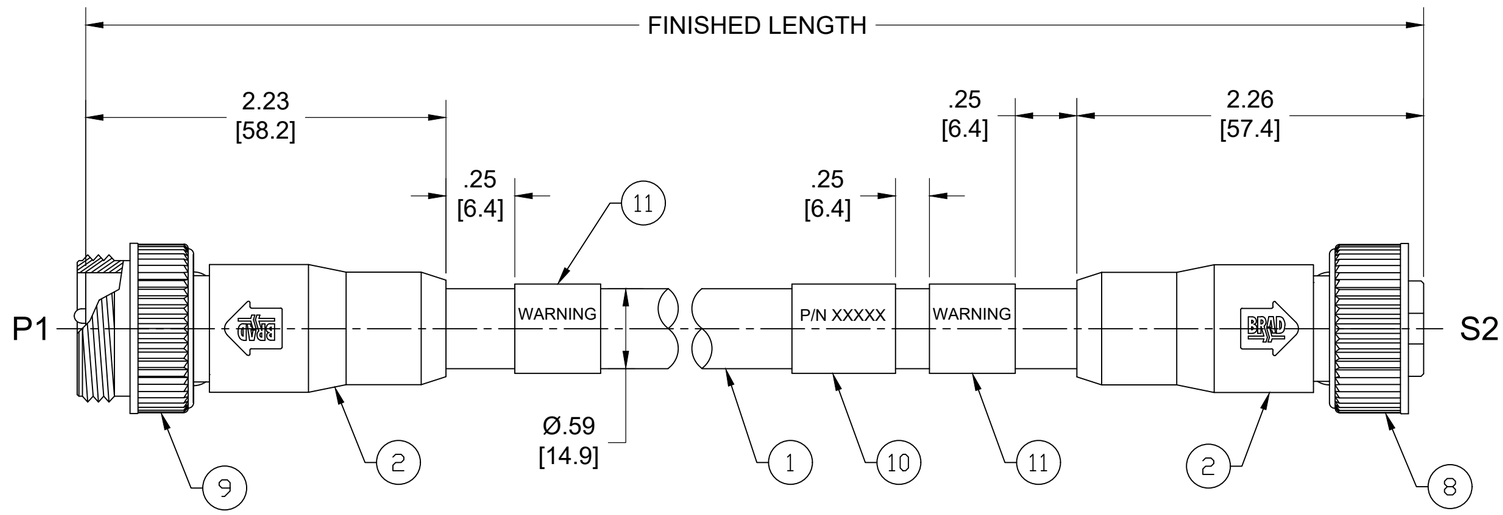
1-BLACK
2-WHITE
3-RED
4-GREEN/YELLOW

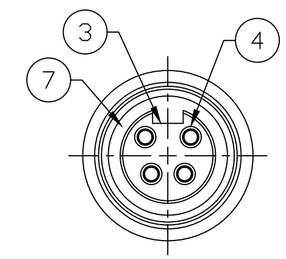
FEMALE INSERT
FRONT VIEW



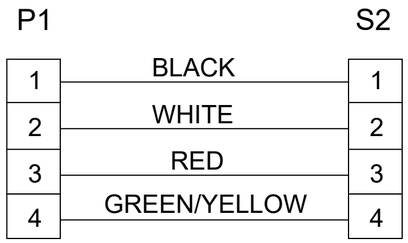
1-BLACK
2-WHITE
3-RED
4-GREEN/YELLOW







NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE: 483V PER IEC60664 (D)
   600V PER UL2237
   CURRENT: 15A
4. TEMP RATING: -20°TO +105°C
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



WIRING DIAGRAM

PART NUMBER LEGEND

114030A46M003

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

(D)

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	COMPONENT	MATERIAL	FINISH	
11	WARNING LABEL	VINYL	ORANGE/BLACK	
10	WRAP LABEL	VINYL	BLACK/YELLOW	
9	MALE COUPLING NUT	ZINC DIE CAST	BLACK-E-COAT	
8	FEMALE COUPLING NUT	ZINC DIE CAST	BLACK-E-COAT	
7	FRICTION RING	NYLON	WHITE	
6	PIN CONTACT	COPPER ALLOY	GOLD OVER NICKEL	
5	MALE INSERT	TPE	BLACK	(D)
4	SOCKET CONTACT	COPPER ALLOY	GOLD OVER NICKEL	
3	FEMALE INSERT	TPE	BLACK	(D)
2	OVERMOLD	TPE	GRAY	(D)
1	CABLE #14 AWG	PVC	GRAY	

DOCUMENT STATUS	P1	RELEASE DATE	2022/03/11 14:29:49

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	SCALE
INCH/MM	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: INSERT & OVERMOLD WERE PVC. ADDED IEC VOLTAGE & TOL CHART. MODIFIED PN TABLE

EC NO: 698916
DRWN: ABENJAMINLW 2021/06/18
CHK'D: RSTONE 2022/03/09
APPR: BWOODMAN 2022/03/11

INITIAL REVISION:
DRWN: EBRACKEN 2013/06/20
APPR: BWOODMAN 2013/08/14

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 130062

molex

BRAD POWER CORDSET, A-SIZE
4 POLE, MALE-FEMALE, STRAIGHT,
SINGLE KEY, #14 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130062-017	PSD	001	D

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

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