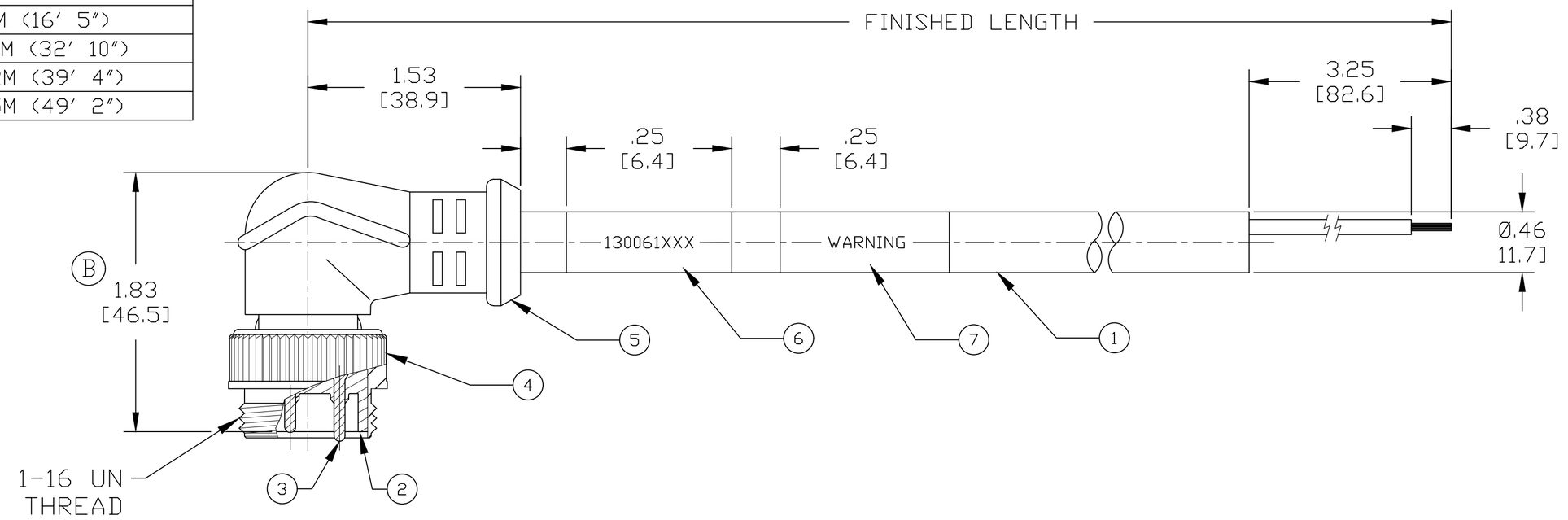
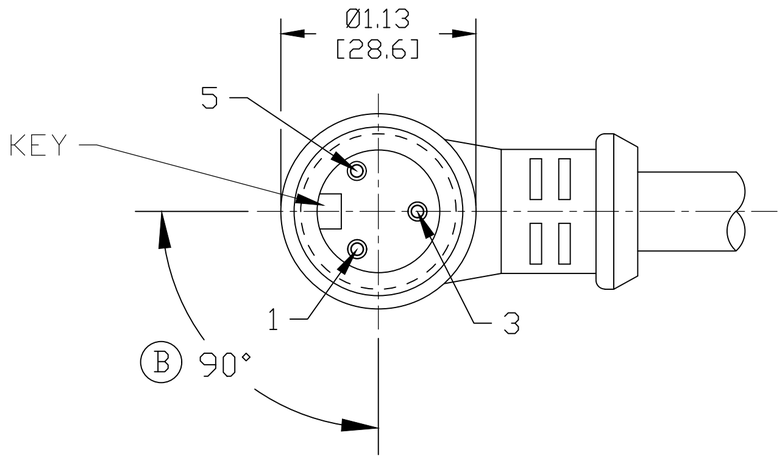
PART NO.	ENGINEERING NO.	FINISHED LENGTH
1300611080	203007A45M030	3M (9′ 10″)
1300611120	203007A45M050	5M (16′ 5″)
1300610224	203007A45M100	10M (32′ 10″)
1300611084	203007A45M120	12M (39′ 4″)
1300610229	203007A45M150	15M (49′ 2″)





1 BLACK
3 GREEN/YELLOW
5 WHITE

MALE FACE VIEW

PART NO. LEGEND

203007A45M030

- A45 — CABLE TYPE: 16/3 TC-ER
- M030 — FINISHED LENGTH:
  - M005= 0.5 METER
  - M030= 3 METER
  - M120= 12 METER

NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE: 600V
   CURRENT: 13A
4. TEMP RATING: -25°TO +80°C
5. PROTECTION: IP67 (WHEN MATED)
6. UL LISTED FILE: E258922
7. ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

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	
7	WARNING LABEL	VINYL	ORANGE/BLACK	
6	WRAP LABEL	VINYL	BLACK/YELLOW	
5	OVERMOLD	TPE	GRAY	B
4	COUPLING NUT	ZINC DIE CAST	BLACK ANODIZE	
3	CONTACT PIN	COPPER ALLOY	GOLD PLATED	
2	MALE INSERT, 3P	TPE	BLACK	B
1	CABLE, 16/3 TC-ER	PVC JACKET	GRAY, BLACK STRIPE	

DOCUMENT STATUS	P1	RELEASE DATE	2022/03/30 21:16:47

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: O-MOLD WAS BLACK, O-MOLD DIM WAS 1.88, DIMS CHANGED TO IN/MM, ADD 90 DEG KEY ORIENTATION

EC NO: 701133
DRWN: RSTONE 2022/03/28
CHK'D: ALEON01 2022/03/29
APPR: BWOODMAN 2022/03/30

INITIAL REVISION:
DRWN: RSTONE 2018/06/18
APPR: BWOODMAN 2018/06/21

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

molex

BRAD POWER CABLE ASSEMBLY
3 POLE, MALE 90 DEG, SINGLE KEY, 16AWG, ADD 90 DEG KEY ORIENTATION

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130061-042	PSD	001	B

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE P/N LEGEND	GENERAL MARKET	1 OF 1

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