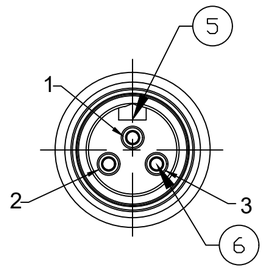
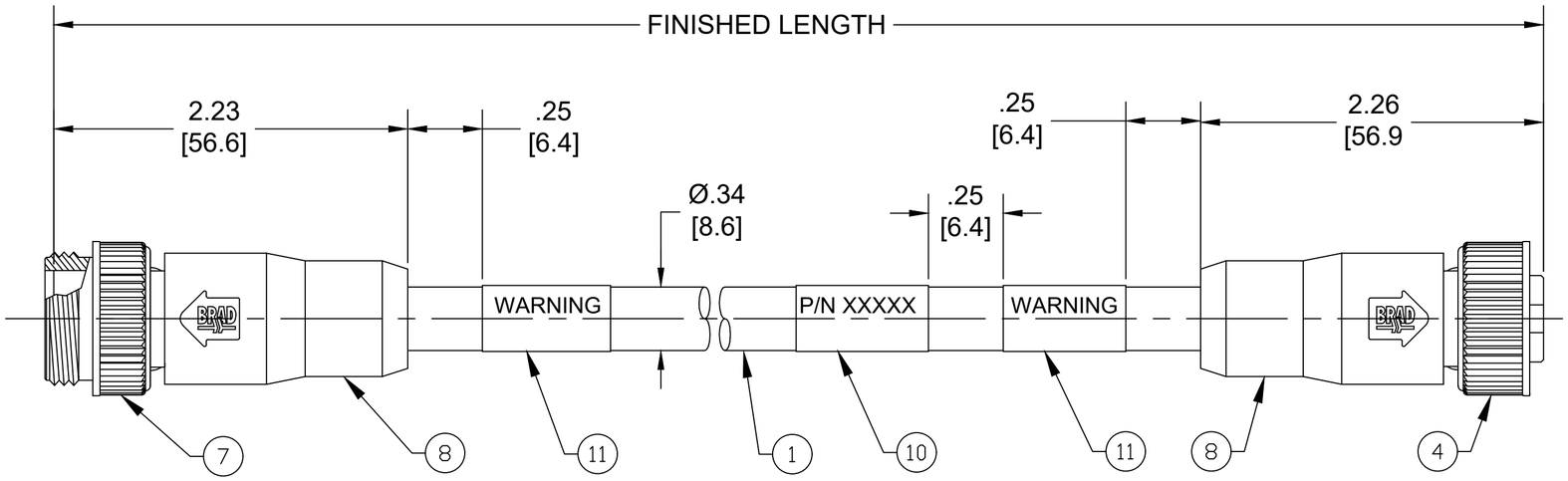
PART NO	ENGINEERING NO.	FINISHED LENGTH
1300621009	113030K20M020	2M [6 FT 7 IN]
1300621153	113030K20M900G	90M [295 FT 3 IN]
1300621122	113030K20T170E	170M [557 FT 9 IN]

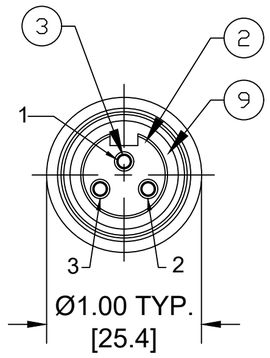
CABLE LENGTH TOLERANCES
<.3M [1FT]: +19mm-0 [+.75in-0]
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT: +88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]
OVER 30M [100FT] +2% OF FINISHED LENGTH

MALE - FACE VIEW





FEMALE - FACE VIEW



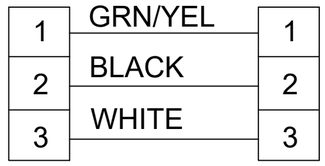
NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE: 500V PER IEC60664
   600V PER UL2237
   CURRENT: 20A (C1)
4. TEMP RATING: -20° TO +90°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: 7/8"-16UN
7. UL LISTED FILE: E258922
8. ALL DIMENSIONS ARE FOR REFERENCE
   UNLESS TOLERANCED OR NOTED OTHERWISE

PART NO. MATRIX

113030K20M020E

FINISHED LENGTH
M005= 0.5 METER
M010= 1 METER
M100= 10 METER
T100= 100 FEET
T150= 150 FEET

MOLD COLOR:
BLANK= GRAY (STD)
E= RED
G= BLACK



WIRING DIAGRAM

ITEM	COMPONENT	MATERIAL	FINISH
11	WARNING LABEL	VINYL	ORANGE/BLACK
10	WRAP LABEL	VINYL	BLACK/YELLOW
9	FRICTION RING	NYLON	NATURAL
8	OVERMOLD	TPE	SEE P/N MATRIX
7	MALE COUPLING NUT	ZINC ALLOY	BLACK E-COAT
6	CONTACT PIN	Cu ALLOY	GOLD PLATED
5	MALE INSERT	TPE	BLACK
4	FEMALE COUPLING NUT	ZINC ALLOY	BLACK E-COAT
3	CONTACT SOCKET	Cu ALLOY	GOLD PLATED
2	FEMALE INSERT	TPE	BLACK
1	CABLE 14AWG TC-ER	TPE JACKET	BLACK

DOCUMENT STATUS	P1	RELEASE DATE	2024/08/02 13:29:03

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: UPDATED AMPERAGE TO 20A

EC NO: 793947
DRWN: HENRYB1 2024/08/01
CHK'D: LESPINOZA 2024/08/01
APPR: BWOODMAN 2024/08/02

INITIAL REVISION:
DRWN: GGUSTAFS 2014/07/09
APPR: BWOODMAN 2014/09/04

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

molex

MINI-CHANGE CORDSET, A-SIZE,
3 POLE, MALE-FEMALE, STRAIGHT,
SINGLE KEY, #14 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130062-021	PSD	001	C1

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

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