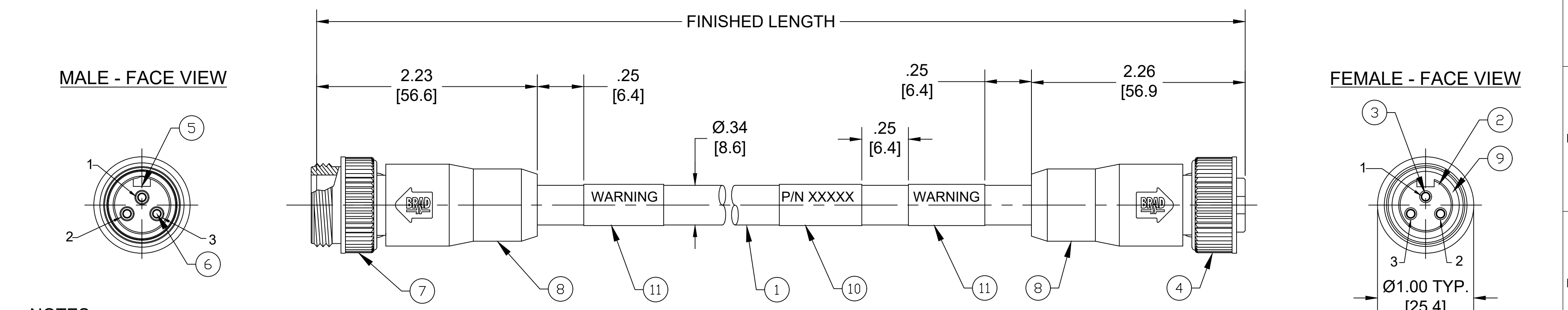


12	11	10	9	8	7	6	5	4	3	2	1
PART NO	ENGINEERING NO.	FINISHED LENGTH	CABLE LENGTH TOLERANCES <.3M [1FT]: +19mm-0 [+.75in-0] .3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0] .9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0] 1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0] 3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0] 7.3-14.6M [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								
1300621009	113030K20M020	2M [6 FT 7 IN]									
1300621153	113030K20M900G	90M [295 FT 3 IN]									
1300621122	113030K20T170E	170M [557 FT 9 IN]									



- NOTES:
- 1. MATERIAL: AS NOTED
 - 2. FINISH: AS NOTED
 - 3. ELECTRICAL:
VOLTAGE: 500V PER IEC60664
600V PER UL2237
CURRENT: 20A
 - 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

1	GRN/YEL	1
2	BLACK	2
3	WHITE	3

WIRING DIAGRAM

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
ITEM	COMPONENT	MATERIAL	FINISH

FUNCTIONAL SYMBOLS

FA=0

FC=0

FP=0

DIVISIONAL SYMBOLS

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

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

CHK'D: LESPINOZA

APPR: BWOODMAN

2024/08/01

2024/08/01

2024/08/02

INITIAL REVISION:

DRWN: GGUSTAFS

APPR: BWOODMAN

2014/07/09

2014/09/04

THIRD ANGLE PROJECTION

DRAWING

C-SIZE

SERIES

130062

DOCUMENT NUMBER

SD-130062-021

DOC TYPE|DOC PART| REVISION

PSD | 001 | C1

MATERIAL NUMBER

SEE CHART

CUSTOMER

GENERAL MARKET

SHEET NUMBER

1 OF 1