

12		11		10		9	
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]

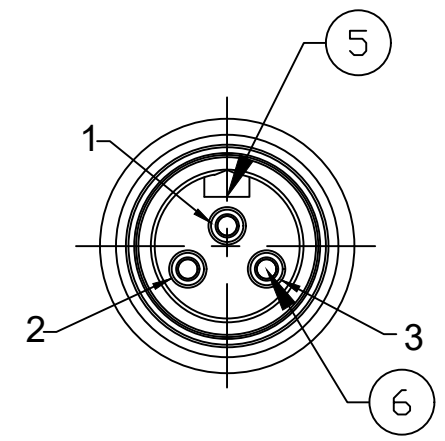
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]

3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]

7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]

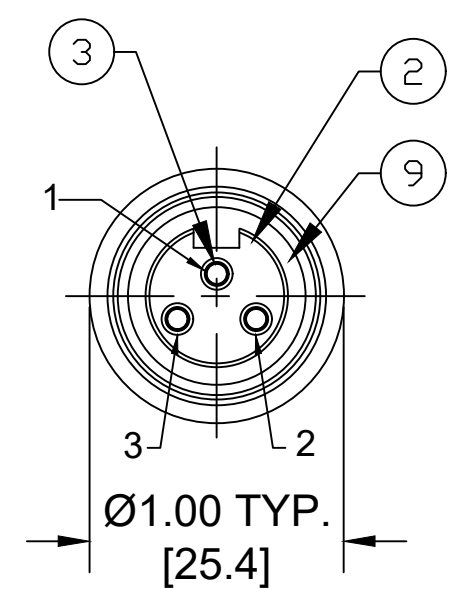
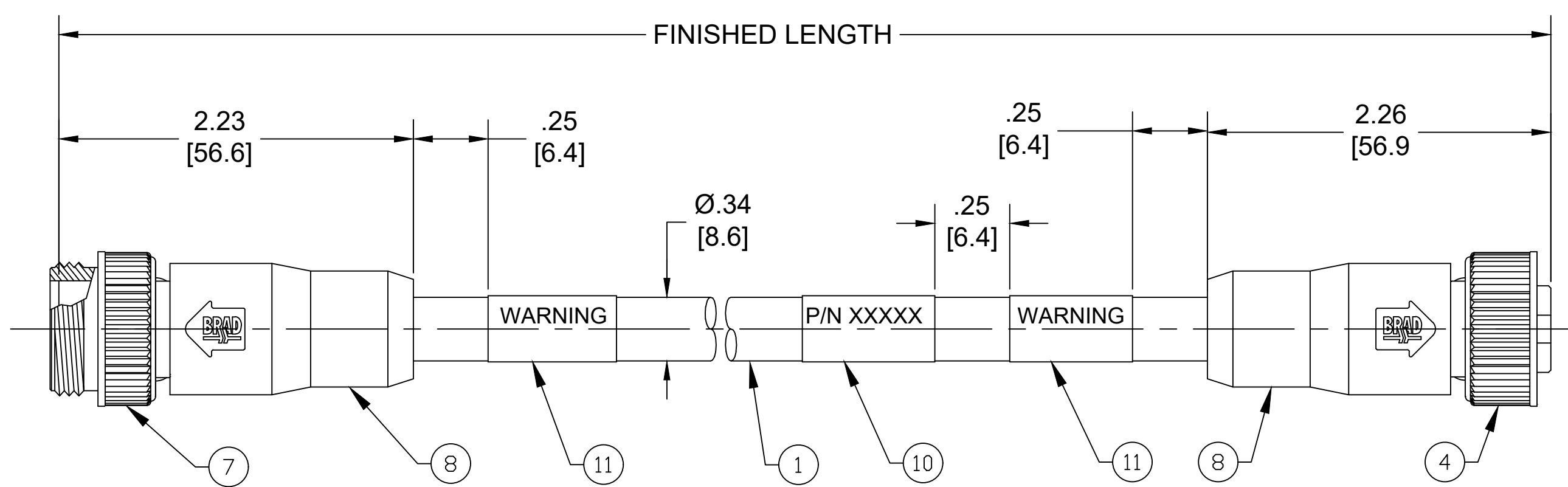
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]

OVER 30M [100FT] +2% OF FINISHED LENGTH



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

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	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
	DIMENSION UNITS		SCALE		CURRENT REV DESC: UPDATED AMPERAGE TO 20A				molex							
	INCH/MM		NTS													
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 793947 DRWN: HENRYB12024/08/01 CHK'D: LESPINOZA2024/08/01 APPR: BWOODMAN2024/08/02											
		mm		INCH												
	4 PLACES		±----		±----		MINI-CHANGE CORDSET, A-SIZE, 3 POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY, #14 AWG									
	3 PLACES		±----		±----											
	2 PLACES		±----		±----		PRODUCT CUSTOMER DRAWING									
	1 PLACE		±----		±----											
	0 PLACES		±----		±----		DOCUMENT NUMBER SD-130062-021			DOC TYPE/DOC PART PSD001		REVISION C1				
ANGULAR TOL ± ---- °																
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
							C-SIZE		130062		SEE CHART		GENERAL MARKET		1 OF 1	