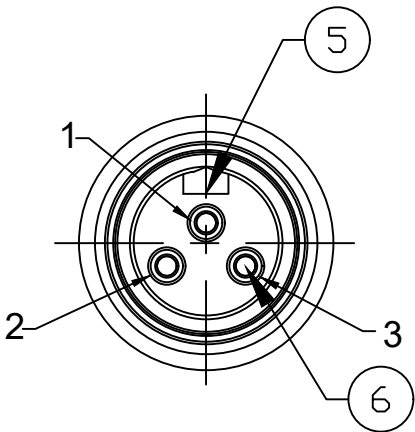


12	11	10	9	8	7	6	5	4	3	2	1
PART NO	ENGINEERING NO.	FINISHED LENGTH									
1300621009	113030K20M020	2M [6 FT 7 IN]									
1300621153	113030K20M900G	90M [295 FT 3 IN]									
1300621122	113030K20T170E	170M [557 FT 9 IN]									

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



- 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

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

DOCUMENT STATUS	P1	RELEASE DATE	2024/08/02	13:29:03
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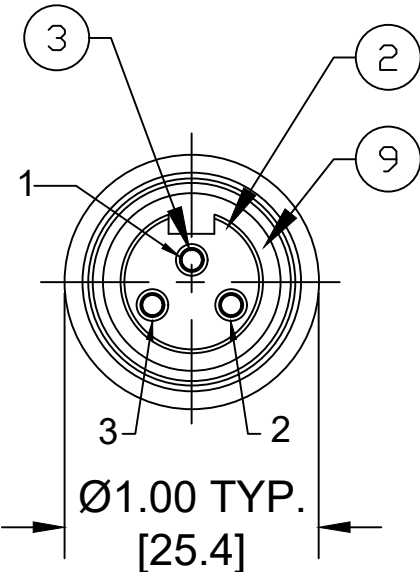
PART NO. MATRIX

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

FEMALE - FACE VIEW



1	GRN/YEL	1
2	BLACK	2
3	WHITE	3

WIRING DIAGRAM

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		SCALE		CURRENT REV DESC: UPDATED AMPERAGE TO 20A			molex					
	INCH/MM		NTS										
	GENERAL TOLERANCES (UNLESS SPECIFIED)				MINI-CHANGE CORDSET, A-SIZE, 3 POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY, #14 AWG								
		mm	INCH										
	4 PLACES	±----	±----	±----	EC NO: 793947			PRODUCT CUSTOMER DRAWING					
	3 PLACES	±----	±----	±----	DRWN: HENRYB1 2024/08/01								
	2 PLACES	±----	±----	±----	CHK'D: LESPINOZA 2024/08/01								
	1 PLACE	±----	±----	±----	APPR: BWOODMAN 2024/08/02			DOCUMENT NUMBER SD-130062-021					
	0 PLACES	±----	±----	±----	INITIAL REVISION:							DOC TYPE	
ANGULAR TOL ± ---- °				DRWN: GGUSTAFS 2014/07/09			PSD 001 C1						
APPR: BWOODMAN 2014/09/04				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			