

MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1300080323	309000A01F030	3 FT. (0.91 M)
1300080339	309000A01F400	40 FT. (12.19 M)
1300080344	309000A01F750	75 FT. (22.86 M)

1. MATERIAL: AS NOTED

2. FINISH: AS NOTED

3. ELECTRICAL:

VOLTAGE: 320V PER IEC60664

600V PER UL2238

CURRENT: 7A

4. TEMP RATING: -20°C TO +105°C

5. PROTECTION: IP67 (WHEN MATED)

6. CSA CERTIFIED FILE: LR6837

7. UL RECOGNIZED FILE: E152210

8. COUPLING THREAD: 1 1/8"-16UN

9. ASSEMBLY IS ROHS COMPLIANT

10.ALL DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

7	LABEL	VINYL	BLACK/YELLOW
6	OVERMOLD	TPE	YELLOW
5	COUPLING NUT	ZINC DIE CAST	BLACK E-COAT
4	FRICTION RING	NYLON	NATURAL
3	SOCKET CONTACT	Cu ALLOY	GOLD OVER NICKEL
2	FEMALE INSERT	TPE	YELLOW
1	#16-9, CABLE, STOOW/ST	PVC JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2021/08/27	14:24:14
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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

SCALE 3:4

FINISHED LENGTH

2.82 [71.6]

Ø 1.25 [31.8]

Ø 0.66 [16.8]

0.38 [9.7]

3.25 [82.6]

4.00 [101.6]

P1

BRADHARRISON

P/N XXXXX

WIRING DIAGRAM

P1

1	ORANGE
2	BLUE
3	RED/BLACK
4	GREEN/BLACK
5	WHITE
6	RED
7	GREEN/YELLOW
8	WHITE/BLACK
9	BLACK

PART NUMBER MATRIX

309000A01F030

FINISHED LENGTH

F001= .1 FT

F020= 2 FT

F200= 20 FT

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 ITEM #2.6.7, LABEL DIM. AND MATERIAL P/N TABLE . ADDED CSA, UL, IEC VOLT, TEMP RATING, IP RATING, TOL. CHART AND PART NUMBER MATRIX					
INCH/MM		1.5:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				MM		INCH			
4 PLACES	±		±	EC NO: 673727					
3 PLACES	±		±	DRWN: AKABADI 2021/06/28					
2 PLACES	±		± 0.01	CHK'D: RSTONE 2021/08/13					
1 PLACE	±	0.3	±	APPR: BWOODMAN 2021/08/27					
0 PLACES	±		±	INITIAL REVISION:					
ANGULAR TOL ± 0.5 °				DRWN: RSTONE 2009/03/18		SERIES 2009/04/01		DOCUMENT NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING C-SIZE		SD-130008-004	

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