



PART NUMBER LEGEND
1R4106A82M005G

FINISHED LENGTH:
M005= 0.5 METER
M010= 1 METER
M100= 10 METER

PART NO	ENGINEERING NO.	FINISHED LENGTH
1300660307	1R4106A82M005G	0.5M [1 FT 8 IN]
1300660311	1R4106A82M010G	1M [3 FT 3 IN]
1300660312	1R4106A82M020G	2M [6 FT 7 IN]
1300660313	1R4106A82M030G	3M [9 FT 10 IN]

- NOTES:**
- MATERIAL: AS NOTED
 - FINISH: AS NOTED
 - ELECTRICAL:
VOLTAGE: 483V PER IEC60664 (E)
600V PER UL2237
CURRENT: 15A
 - TEMP RATING: -20°TO +105°C (E)
 - PROTECTION: IP67 (WHEN MATED)
 - COUPLING THREAD: 7/8-16UN
 - UL LISTED FILE: E258922 (E)
 - ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

(E)

CABLE LENGTH TOLERANCES

<.3M [1FT]:	+19mm-0 [+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

ITEM	DESCRIPTION	MATERIAL	FINISH
6	FLAG LABEL	VINYL	BLACK/YELLOW
5	POTTING MATERIAL	EPOXY	
4	WIRE, 14 AWG (THHN)	PVC INSULATION	SEE FACE VIEW
3	CONTACT PIN	COPPER ALLOY	GOLD OVER NICKEL
2	MALE INSERT	TPE	BLACK
1	RECEPTACLE SHELL	ZINC DIE-CAST	BLACK-E-COAT

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
F=0 C=0 P=0	DIMENSION UNITS: INCH/MM SCALE: NTS	CURRENT REV DESC: ITEM #2 WAS PVC. ADDED UL & TOL CHART. MODIFIED IEC VOLTAGE, TEMP RATING & PN TABLE. EC NO: 698297 DRWN: ABENJAMINLW 2021/06/23 CHK'D: RSTONE 2022/03/16 APPR: BWOODMAN 2022/03/26
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±--- ±--- 1 PLACE ±--- ±--- 0 PLACES ±--- ±---	INITIAL REVISION: DRWN: RSTONE 2017/01/11 APPR: BWOODMAN 2017/01/26
	ANGULAR TOL ± --- ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION DRAWING: B-SIZE SERIES: 130066
	DOCUMENT NUMBER: SD-130066-068 CUSTOMER: GENERAL MARKET	DOC TYPE: PSD DOC PART: 001 REVISION: E SHEET NUMBER: 1 OF 1