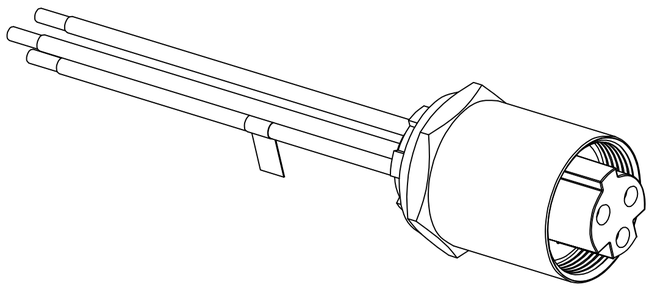
MATERIAL NUMBER	OLD PART NUMBER	FINISH LENGTH
1300660256	CR3100A30M005	1.64' [0.5M]
1300660126	CR3100A30M010	3.28' [1.0M]
1300660019	CR3100A30M020	6.56' [2.0M]

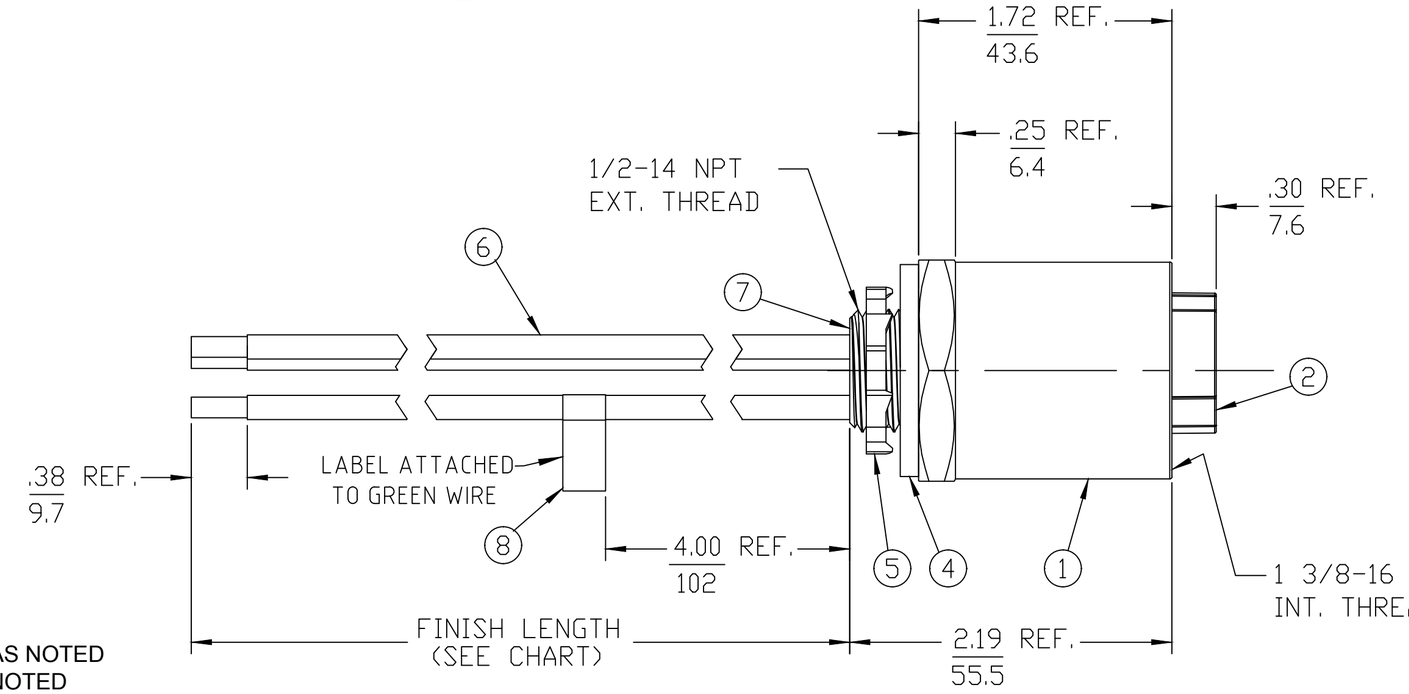
PART NUMBER LEGEND

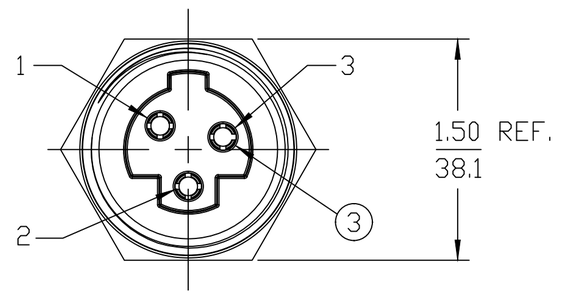
CR3100A30M005

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

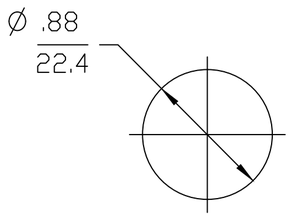
CABLE LENGTH TOLERANCES
>.3M [1FT]: +19mm-0 [+.75in-0]
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT: +88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]
OVER 30M [100FT] +2% OF FINISHED LENGTH



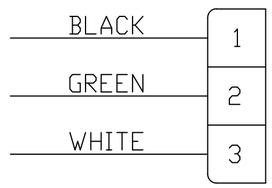




NOTES:
1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
   VOLTAGE: 3P: 630V PER IEC60664
   600V PER UL2237
   CURRENT: 32A
4. TEMP RATING: -20°TO +90°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: 1 3/8-16UN
7. UL LISTED FILE: E258922
8. ALL DIMS ARE FOR REFERENCE
   UNLESS NOTED OTHERWISE



TYPICAL KNOCKOUT



WIRING DIAGRAM

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
8	1	FLAG LABEL	VINYL	YELLOW
7	A/R	POTTING	EPOXY	BLACK
6	3	WIRE, 10 AWG UL 1015 (B)	PVC JACKET	SEE WIRING DIAGRAM
5	1	LOCKNUT	STEEL	ZINC PLATED
4	1	GASKET	NEOPRENE	BLACK
3	3	SOCKET CONTACT	COPPER ALLOY	GOLD PLATED
2	1	FEMALE INSERT, 3 POLE	PVC	BLACK
1	1	RECEPTACLE SHELL	ALUMINUM	BLACK ANODIZED

REF. THIS DRAWING SUPERSEDES COCREATE REV. A

REV	DESCRIPTION
B	UL 1015 WAS THHN EC NO: IPG2019-0200 DRWN: JCAPPOZZ 2018/11/20 CH'KD: RSTONE --- APPR: BWOODMAN 2018/12/18

QUALITY SYMBOL
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±0.05	±---
1 PLACE	±0.10	±---
ANGULAR ±.5°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JCAPPOZZ DATE: 2018/11/20
CHECKED BY: RSTONE DATE: ----
APPROVED BY: BWOODMAN DATE: 2018/12/18

TITLE: BRAD POWER FEMALE, 1/2" NPT, 3 POLE RECEPTACLE ASSEMBLY

molex MOLEX INCORPORATED

MATERIAL NO.: SEE P/N CHART
DOCUMENT NO.: SD-130066-059
SHEET NO.: 1 OF 1
SIZE: C

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528061110 347910140 348268126 351820290 5023860371 349672001 502380-0800 502585-0370
503988100 194290026 194290039 348242245 34708-2028 194270031