

13 12 11 10 9 8 7 6 5 4 3 2 1

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 [+1.75in-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

1.72 REF.
43.6

.25 REF.
6.4

.30 REF.
7.6

1/2-14 NPT
EXT. THREAD

.38 REF.
9.7

LABEL ATTACHED
TO GREEN WIRE

4.00 REF.
102

2.19 REF.
55.5

1 3/8-16
INT. THREAD

1.50 REF.
38.1

Ø .88
22.4

TYPICAL KNOCKOUT

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

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

UL 1015 WAS THHN
EC NO.: IPG2019-0200
DRWN: JCAPPOZZ 2018/11/20
CHKD: RSTONE
APPR: BWOODMAN2018/12/18

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

DRAWN BY DATE
JCAPPOZZ 2018/11/20

CHECKED BY DATE
RSTONE

APPROVED BY DATE
BWOODMAN 2018/12/18

MATERIAL NO.
SEE P/N CHART

SIZE
C

SCALE
4:1

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

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

MOLEX INCORPORATED

DOCUMENT NO.
SD-130066-059

SHEET NO.
1 OF 1

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REF. THIS DRAWING SUPERSEDES COCREATE REV. A

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