

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

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

WIRING DIAGRAM

BLACK	1
GREEN	2
WHITE	3

TYPICAL KNOCKOUT

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
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

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

QUALITY SYMBOL
▽=0
▽C=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 JCAPPOZZ DATE 2018/11/20

CHECKED BY RSTONE DATE ----

APPROVED BY BWOODMAN DATE 2018/12/18

MATERIAL NO. SEE P/N CHART

SIZE C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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

REF. THIS DRAWING SUPERSEDES COCREATE REV. A

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