

MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1300640447	CC3030K19M010E	1M (3 FT 3.37 IN)
1300642064	CC3030K19M900G	90M (295 FT 3.31 IN)
1300642110	CC3030K19T200E	200M (656 FT 2.02 IN)

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 1:2

FEMALE FACE VIEW

FINISHED LENGTH

4.01 [101.9]

0.25 [6.4]

0.25 [6.4]

0.25 [6.4]

Ø 0.45 [11.5]

4.01 [101.9]

MALE FACE VIEW

NOTES:

1. MATERIAL: AS NOTED

2. FINISH: AS NOTED

3. ELECTRICAL:

VOLTAGE: 630V PER IEC60664

600V PER UL2237

CURRENT: 32A

4. TEMP RATING: -20°C TO +90°C

5. PROTECTION: IP67 (WHEN MATED)

6. UL LISTED FILE: 258922

7. COUPLING THREAD: 1 3/8"-16 UN

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

WIRING DIAGRAM

S1		P2	
1	BLACK	1	
2	GREEN/YELLOW	2	
3	WHITE	3	

PART NUMBER LEGEND

CC3030K19M010E

OVERMOLD OPTION

E=RED

G=BLACK

FINISHED LENGTH

M001 = 0.1 METER

M010 = 1.0 METER

M100 = 10.0 METER

T100 = 100 METER

10	WARNING LABEL	VINYL	ORANGE/BLACK
9	WRAP LABEL	VINYL	BLACK/YELLOW
8	OVERMOLDS	TPE	SEE LEGEND
7	MALE COUPLING NUT	ALUMINIUM	CLEAR ANODIZE
6	CONTACT PIN	Cu ALLOY	GOLD OVER NICKEL
5	MALE INSERT	TPE	BLACK
4	FEMALE COUPLING NUT	ALUMINIUM	CLEAR ANODIZE
3	SOCKET CONTACT	Cu ALLOY	GOLD OVER NICKEL
2	FEMALE INSERT	TPE	BLACK
1	#10-3, CABLE, TC-ER	TPE	BLACK
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS

P1

RELEASE DATE

2022/06/14 13:48:42

FUNCTIONAL SYMBOLS

$\frac{E}{A} = 0$

$\frac{E}{C} = 0$

$\frac{E}{P} = 0$

DIVISIONAL SYMBOLS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
INCH/MM	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	±	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: UPDATED ITEM #2, 5 & 8 WERE PVC, MATERIAL TABLE, TOL. TABLE & PART NO. LEGEND. ADDED CABLE DIA.

EC NO: 709714

DRWN: VHANDI 2020/05/29

CHK'D: RSTONE 2022/06/08

APPR: BWOODMAN 2022/06/14

INITIAL REVISION:

DRWN: B.RUPERT 2001/12/10

APPR: BWOODMAN 2014/09/04

THIRD ANGLE PROJECTION

DRAWING

C-SIZE

SERIES

130064

molex

BRAD POWER, M35

3 POLE, FEMALE/MALE, STRAIGHT, SINGLE KEY, 10AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130064-005	PSD	001	C

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