

MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH	COUPLING MAT.	COLOR
1300101312	116020A01F030	3.0FT [0.9M]	DIE-CAST ZINC	BLACK
1300101316	116020A01F060	6.0FT [1.8M]		
1300101327	116020A01F120	12.0FT [3.7M]		
1300101338	116020A01F200	20.0FT [6.1M]		
1300101313	116020A01F0301	3.0FT [0.9M]	303 SS	PASSIVATED
1300101328	116020A01F1201	12.0FT [3.7M]		
1300101319	116020A01F0608	6.0FT [1.8M]	316 SS	PASSIVATED

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

AUX VIEW

SCALE 1:2

2.28
[57.9]

Ø.54
[13.7]

2.24
[56.9]

Ø1.00 2X
[25.4]

MALE FACE VIEW

FEMALE FACE VIEW

FINISHED LENGTH
(SEE P/N LEGEND)

NOTES:

1. MATERIAL: AS NOTED

2. FINISH: AS NOTED

3. ELECTRICAL:
VOLTAGE: 400V PER IEC 60664
600V PER UL 2238
CURRENT: 8A

4. TEMP RATING: -20°C TO +105°C

5. PROTECTION: IP67 (WHEN MATED)

6. COUPLING THREAD: 7/8-16UN

7. UL RECOGNIZED FILE: E152210
CSA CERTIFIED FILE: LR6837

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

PART NUMBER LEGEND

116020A01F0301

FINISHED LENGTH — COUPLING OPT'S

FD20= 2 FEET
F100= 10 FEET
M005= 0.5 METER
M010= 1.0 METER
M100= 10.0 METERS

BLANK= DIE-CAST ZINC
01= 303SS
08= 316 SS

MALE

FEMALE

1	WHITE	1
2	RED	2
3	GREEN/YELLOW - GND	3
4	ORANGE	4
5	BLACK	5
6	BLUE	6

WIRING DIAGRAM

8	LABEL	VINYL	BLACK/YELLOW
7	OVERMOLD	TPE (B)	YELLOW
6	COUPLING NUT	SEE P/N MATRIX	SEE P/N MATRIX
5	CONTACT SOCKET	BRASS	GOLD OVER NICKEL
4	CONTACT PIN	BRASS	GOLD OVER NICKEL
3	FEMALE INSERT, 6 POLE	TPE (B)	YELLOW
2	MALE INSERT, 6 POLE	TPE (B)	YELLOW
1	CABLE, STDOO/ST #16/6	PVC JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2020/10/12	21:33:13
12	11	10	9	8
7	6	5	4	3
2	1			

FUNCTIONAL SYMBOLS

F A = 0

F C = 0

F 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

INCH/MM

SCALE

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±----	±----
3 PLACES	±----	±----
2 PLACES	±----	±0.01
1 PLACE	±0.3	±----
0 PLACES	±----	±----

ANGULAR TOL ± ---- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: UPDATE PER LATEST DOC STD, ADD P/N LEGEND & LENGTH TOLS, UPDATE NOTES O-MOLD AND INSERTS WERE PVC

EC NO: 644995

DRWN: RSTONE 2020/09/03

CHK'D: MZIELINSKI 2020/09/09

APPR: BWOODMAN 2020/10/12

INITIAL REVISION:

DRWN: LHARTMAN 2009/08/10

APPR: JFMURPHY 2009/08/14

THIRD ANGLE PROJECTION

DRAWING C-SIZE

SERIES 130010

DOCUMENT NUMBER

SD-130010-007

DOC TYPE|DOC PART| REVISION

PSD 001 B

MATERIAL NUMBER

CUSTOMER GENERAL MARKET

SHEET NUMBER

1 OF 1

12

11

10

9

8

7

6

5

4

3

2

1