

PART NUMBER	ENGINEERING NUMBER	FINISH LENGTH
1300061347	105001A01F0301	3.00FT [.9M]
1300061350	105001A01F0601	6.00FT [1.8M]
1300061354	105001A01F1201	12.00FT [3.7M]
1300061357	105001A01F1501	15.00FT' [4.6M]
1300062225	105001A01F2001	20.00FT [6.1M]
1300061365	105001A01F2501	25.00FT [7.6M]
1300061368	105001A01F3001	30.00FT [9.1M]

NOTES:

1. MATERIAL: AS NOTED

2. FINISH: AS NOTED

3. ELECTRICAL:
VOLTAGE: 400V PER IEC60664
600V PER UL2238

CURRENT: 8A

4. TEMP RATING: -20°TO +90°C

5. PROTECTION: IP67 (WHEN MATED)

6. COUPLING THREAD: 7/8-16UN

7. UL LISTED FILE: E152210
CSA CERTIFIED: LR6837

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

P1

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

WIRING DIAGRAM

6	1	LABEL	VINYL	BLACK/YELLOW
5	5	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
4	1	INSERT	TPE	YELLOW
3	1	COUPLING NUT	ST. STEEL	PASSIVATED
2	1	OVERMOLD	TPE	YELLOW
1	1	CABLE, 16AWG-5 TYPE ST00W	PVC	YELLOW
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

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

PART NUMBER LEGEND

105001A01F0301

CABLE TYPE
16/5 ST00W

SS COUPLING

FINISHED LENGTH:
F005= 0.5 FT
F010= 1 FT
F100= 10 FT

Isometric view of the assembly with dimensions.

Side view of the assembly with dimensions.

Front view of the assembly with dimensions.

FEMALE FACE VIEW

INITIAL RELEASE

EC NO: IPG2019-0479

DRWN: RSTONE 2019/04/05

CHKD: M ZIELIN

APPR: BWOODMAN2019/04/17

REV

QUALITY SYMBOL

▽=0

▽C=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±---	±---
1 PLACE	±---	±---

ANGULAR ±---°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	
IN/MM	
DRAWN BY	DATE
RSTONE	2019/04/05
CHECKED BY	DATE
M ZIELIN	----
APPROVED BY	DATE
BWOODMAN	2019/04/17
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	DESIGN UNITS
---	INCH
THIRD ANGLE PROJECTION	

MINI-CHANGE ASSEMBLY
5 POLE FEMALE 90D
16/5 PVC, SS COUPLING

MOLEX INCORPORATED

DOCUMENT NO. SD-130006-089

SHEET NO. 1 OF 1