



NOTES:  
 1. MATERIAL: SEE TABLE  
 2. FINISHES: SEE TABLE  
 3. ELECTRICAL SPECIFICATIONS  
 VOLTAGE RATING: 300V AC/DC  
 CURRENT RATING: 8 AMPS  
 4. PROTECTION: IP67  
 5. ASSEMBLY IS RoHS COMPLIANT BY EXEMPTION

Ⓒ CABLE ASSY TYPE:  
 MIN-CHANGE 5P  
 FEMALE STRAIGHT

105000B21MXXX

16AWG PUR  
 GRAY

FINISHED LENGTH  
 M005: 0.5 METERS  
 M010: 1.0 METERS  
 M100: 10.0 METERS

S1

1	BLACK
2	BLUE
3	GREEN/YELLOW
4	BROWN
5	WHITE

WIRING DIAGRAM

6	1	WRAP LABEL	MYLAR	BLACK/YELLOW
5	1	OVERMOLD	PUR	BLACK
4	1	COUPLING RING-INT THREAD	ZINC DIE-CAST	BLACK
3	5	CONTACT SOCKET	Cu ALLOY	GOLD PLATED
2	1	INSERT, 5P	PUR	BLACK
1	A/R	CABLE 5/C, 1.5mm <sup>2</sup> (16 AWG)	PUR JACKET	GRAY
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

ADDED PART NO. MATRIX  
 EC NO: IPG2016-1424  
 DRAWN:GGUSTAFSON 2016/04/20  
 CHKD:MZIELINSKI 2016/05/12  
 APPR:BRUPERT 2016/04/28

QUALITY SYMBOLS  
 ▽=0  
 ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .01	± .0004
3 PLACES	± .02	± .0008
2 PLACES	± .03	± .0012
1 PLACE	± 0.3	± .0118
0 PLACE	± .05	± .0020

ANGULAR ± 2°  
 DRAFT WHERE APPLICABLE  
 MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM  
 SCALE: 1:1  
 DESIGN UNITS: INCH  
 THIRD ANGLE PROJECTION  
 DRAWN BY: RSTONE DATE: 2012/10/19  
 CHECKED BY: K JOZWIK DATE: 2012/11/26  
 APPROVED BY: JFMURPHY DATE: 2012/12/18

TITLE: MINI-CHANGE CABLE ASSY 5P FP STRAIGHT (16 AWG) PUR  
**molex**  
 MATERIAL NO.: \_\_\_\_\_ DOCUMENT NO.: SD-130006-043 SHEET NO.: 1 OF 1  
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