

PART NO.

2MJ-0402A110

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	SID	03/6/11	VEE	03/6/11		17/6/11

2MJ-0402A110



Date Code

Specifications:

Maximum current carrying capacity : Pin 1 and 2, 20 V dc at 7.5 A  
Pin 3 and 4, 20 V dc at 7.5 A

Material:

Body and cover : Thermoplastic (Black colour)  
Contact (4) : Copper alloy 0.3T  
Earth shield : Copper alloy 0.4T

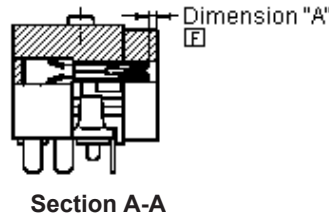
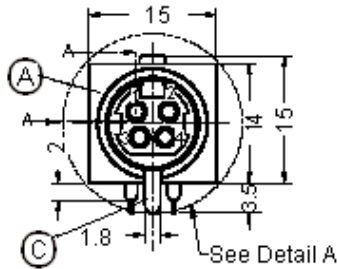
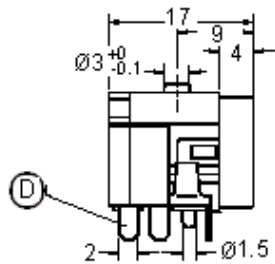
Finish:

Contact (4) : 40 µ inches minimum Ag plating on all over  
50 µ inches nickel underplating overall  
Earth shield : 60 µ inches minimum nickel plating on all over  
80 µ inches Cu underplating overall

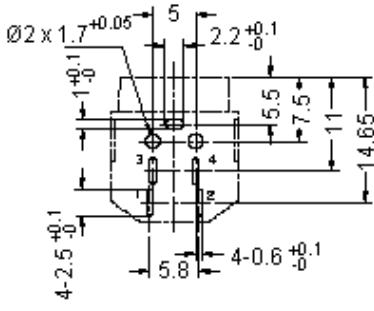
Solder heat resistance : Wave soldering 260° for 10 s

For reflow soldering lead free process

Detail A

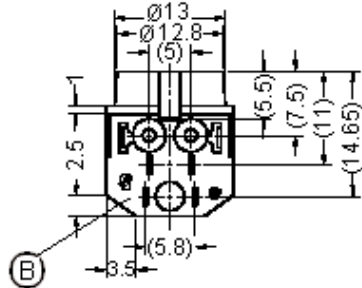


Section A-A

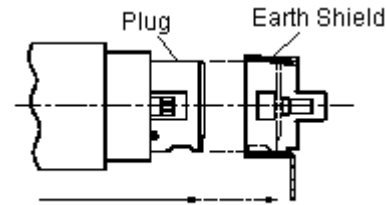


PCB Layout  
(Solder Side)

Tolerance : ±0.05



Dimensions : Millimetres



'A-A' Section of Earth Shield

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DRAWN BY:	DATE:
SID	03/06/11
CHECKED BY:	DATE:
VEE	03/06/11
APPROVED BY:	DATE:
	17/06/11

DRAWING TITLE:

**DC Power Jack - PCB, R/A, 4 Pole**

SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10002667	1876291	A
SCALE: NTS	U.O.M.: mm	SHEET: 1 OF 2	



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D/C Description

**YY**                      **MM**                      **DD**  
 |                              |                              |  
 Year                      Month                      Day

Specification Table

No.	Description	Material	Plating and Colour
A	Body	Thermoplastic	Black Colour
B	Cover		
C	Earth Shield	Copper Alloy 0.4T	Ni60 µ Inches Minimum, Cu80 µ Inches Minimum
D	Contact Terminal	Copper Alloy 0.3T	Ag40 µ Inches Minimum, Ni50 µ Inches Minimum

Part Number Table

Description	Part Number
Jack, DC Power, PCB, R/A, 4 Pole	2MJ-0402A110

<http://www.element14.com>

<http://www.farnell.com>

<http://www.newark.com>

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<b>DC Power Jack - PCB, R/A, 4 Pole</b>			
<b>SIZE</b>	<b>DWG NO.</b>	<b>ELECTRONIC FILE</b>	<b>REV</b>
<b>A</b>	<b>M10002667</b>	<b>1876291</b>	<b>A</b>
<b>SCALE: NTS</b>		<b>U.O.M.: mm</b>	<b>SHEET: 2 OF 2</b>