

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

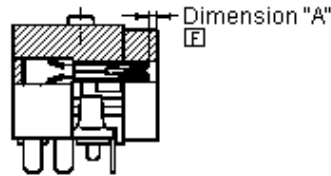
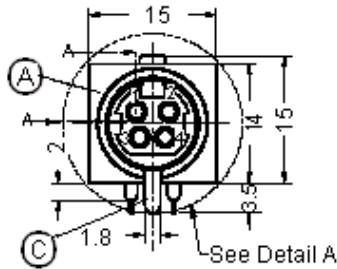
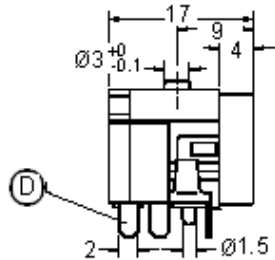
Finish:

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

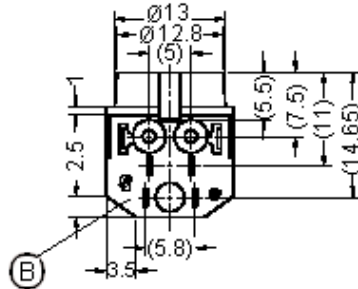
Solder heat resistance : Wave soldering 260° for 10 s

For reflow soldering lead free process

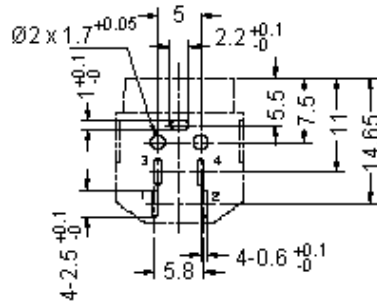
Detail A



Section A-A



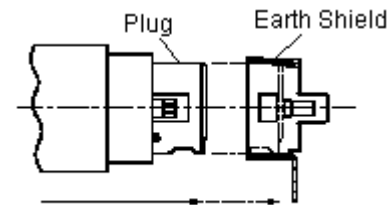
Dimensions : Millimetres



PCB Layout

(Solder Side)

Tolerance : ±0.05



'A-A' Section of Earth Shield

TOLERANCES:

UNLESS OTHERWISE
SPECIFIED,
DIMENSIONS ARE
FOR REFERENCE
PURPOSES ONLY.

DRAWN BY:

SID

DATE:

03/06/11

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VEE

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03/06/11

APPROVED BY:

17/06/11

DRAWING TITLE:

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

SIZE
A

DWG NO.

M10002667

ELECTRONIC FILE

1876291

REV

A

SCALE: NTS

U.O.M.: mm

SHEET: 1 OF 2



PART NO.

2MJ-0402A110

REVISIONS

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D/C Description

YY

Year

MM

Month

DD

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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DRAWING TITLE:

DC Power Jack - PCB, R/A, 4 PoleSIZE
A

DWG NO.

M10002667ELECTRONIC FILE
1876291REV
A

SCALE: NTS

U.O.M.: mm

SHEET: 2 OF 2