

# Connector

## DC Power Jack, 5A



RoHS  
Compliant



### Specifications:

#### Electrical

Connector Type : DC Power  
 Contact Rating : 5A at 16V DC  
 Contact Resistance : 30mΩ Max.  
 Insulation Resistance : 50MΩ Min. at 500V DC  
 Dielectric Strength : 500V AC for 1 minute

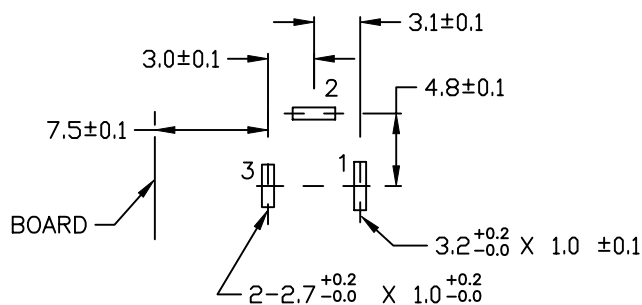
#### Mechanical

Life Cycle : 5,000 Cycles  
 Insertion Force : 0.3kg to 3kg  
 Withdrawal Force : 0.3kg to 3kg

#### Environmental

Operating Temperature : -25°C to +70°C  
 Part Shall withstand Wave Solder Temperature of 260°C for 5 seconds

Schematic	'X'=DWG. No.	Pin Diameter
① Pin Terminal	-1	1.45 +0.0 / -0.1
② Sleeve Shunt	-2	1.87 +0.0/ -0.1
③ Sleeve Spring	-3	2 +0.0/-0.1
	-4	2.35 +0.0/-0.1
	-5	2.5 +0.0/-0.1



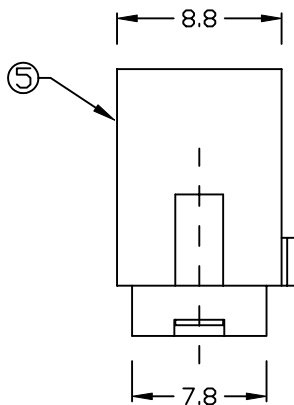
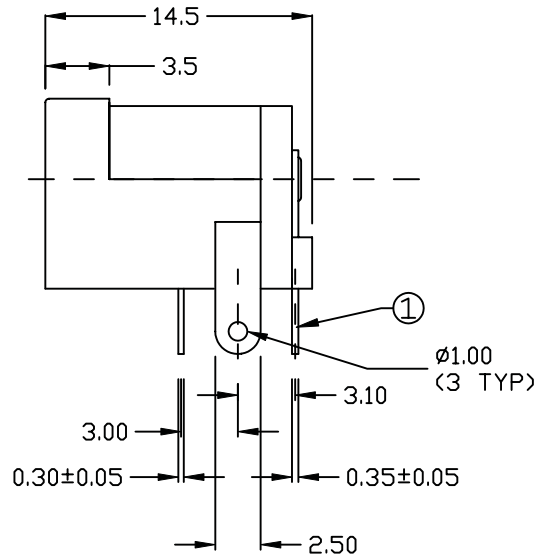
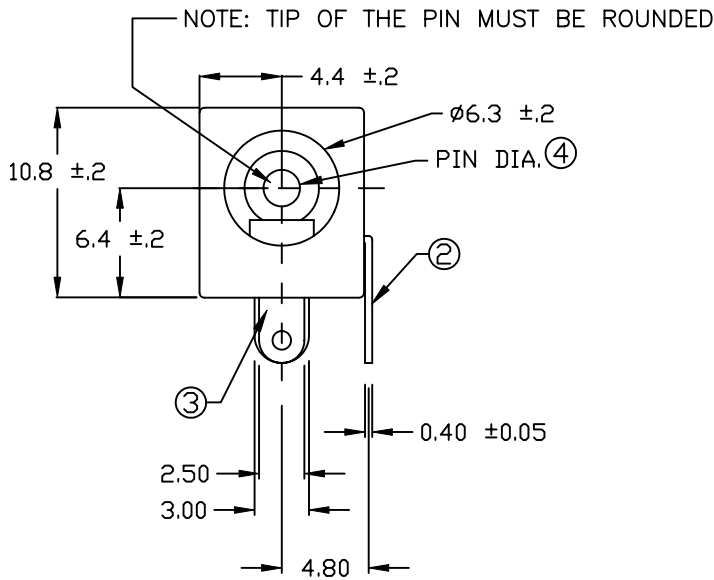
PCB Layout  
Bottom View

Dimensions : Millimetres



# Connector

## DC Power Jack, 5A



Item	Description	Qty	Material / Finish
1	Pin Terminal	1	Brass, Silver Plated
2	Sleeve Shunt		Brass, Silver Plated
3	Sleeve Spring		Manganese Steel, Silver Plated
4	Pin		Brass, Tin Plated
5	Housing		PBT

### Part Number Table

Description	Part Number
DC Power Jack	SPC21364

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp is the registered trademark of the Group. © Premier Farnell plc 2012.