

# DC Power Jack

## 2.5mm Pin, Panel Mount



### Description:

DC Power Jack is a complete line of miniature and sub-miniature power jack primarily used for the transmission of wall current transformed to DC power, for detached and hand held instruments. Contact is designed using a wide spring grade plated copper alloy for exceptional plug retention and low contact resistance.

### Features:

- Low Profile designs
- Superior contact system
- Exceptional plug retention
- Hi Temp Versions
- Hi Current Versions

### Specifications:

#### Material

Standard insulator	: PBT Glass reinforced
Optional Hi-Temp insulator	: Nylon 6T
Insulator Colour	: Black
Centre Pin	: Brass, Nickel plated
Contacts	: Copper alloy

#### Contact Plating

Silver over nickel underplate

#### Electrical

Operating voltage	: 12V DC max.
Current rating	: 1 Amp max.
Contact resistance	: 30mΩ max. initial
Insulation resistance	: 50 MΩ min.
Dielectric withstanding voltage	: 250V AC for 1 minute

#### Mechanical

Insertion force	: 3 kg max.
Withdrawal force	: 0.3 kg min
Mating durability	: 5,000 cycles min.

#### Temperature Rating

Operating temperature	: -25°C to +85°C
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#### Soldering process temperature

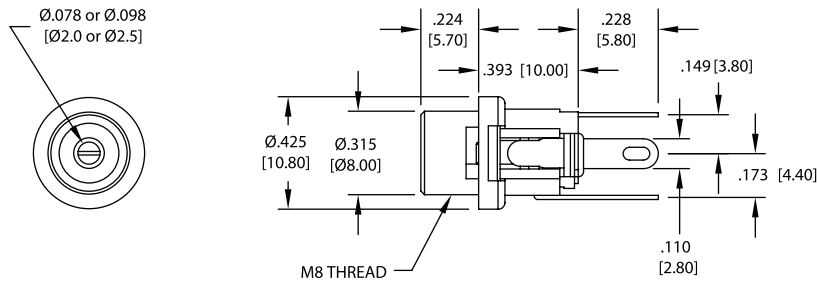
Standard insulator	: 235°C
Hi-Temp insulator	: 260°C

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## 2.5mm Pin, Panel Mount



### Diagram:



Dimensions : Inches (Millimetres)

### Part Number Table

Description	Part Number
DC Power Jack, 2.5mm Pin, Panel Mount	MC21362

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