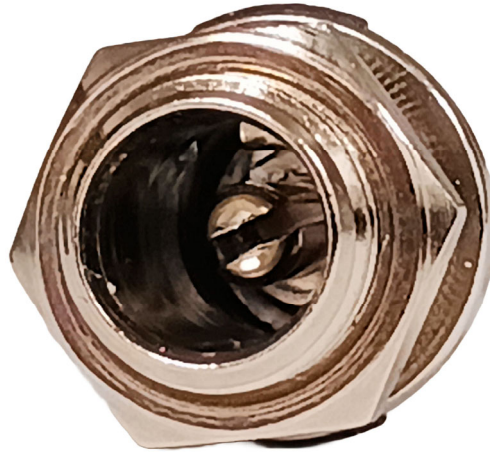


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## 2.5mm X 5.5mm DC POWER JACK

### JACK7



#### Overview:

JACK7 is a 2.5mm x 5.5mm DC power jack. This jack can be used with either 4-Pole or 6-Pole filtered terminal blocks to be used as a RF filtered DC power feedthrough. The jacks are mounted to both the internal and external terminal block covers and wired to the terminal blocks filters.

#### Applications:

- DC power feedthrough.
- Small signal passthrough.

#### Features:

- Easy Connection.
- Nickel Plated Brass Construction.
- Panel Mount.
- Wide Temperature Range.



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## Specifications:

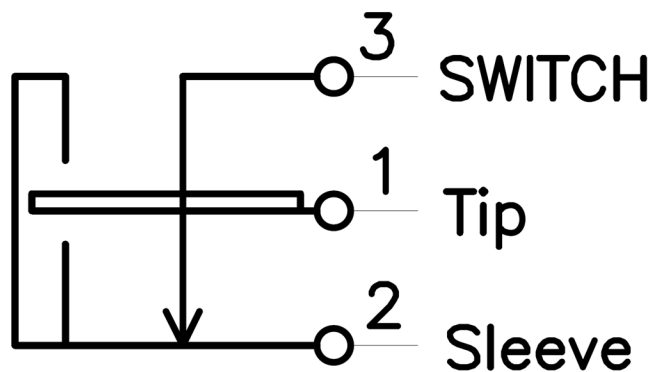
### Electrical:

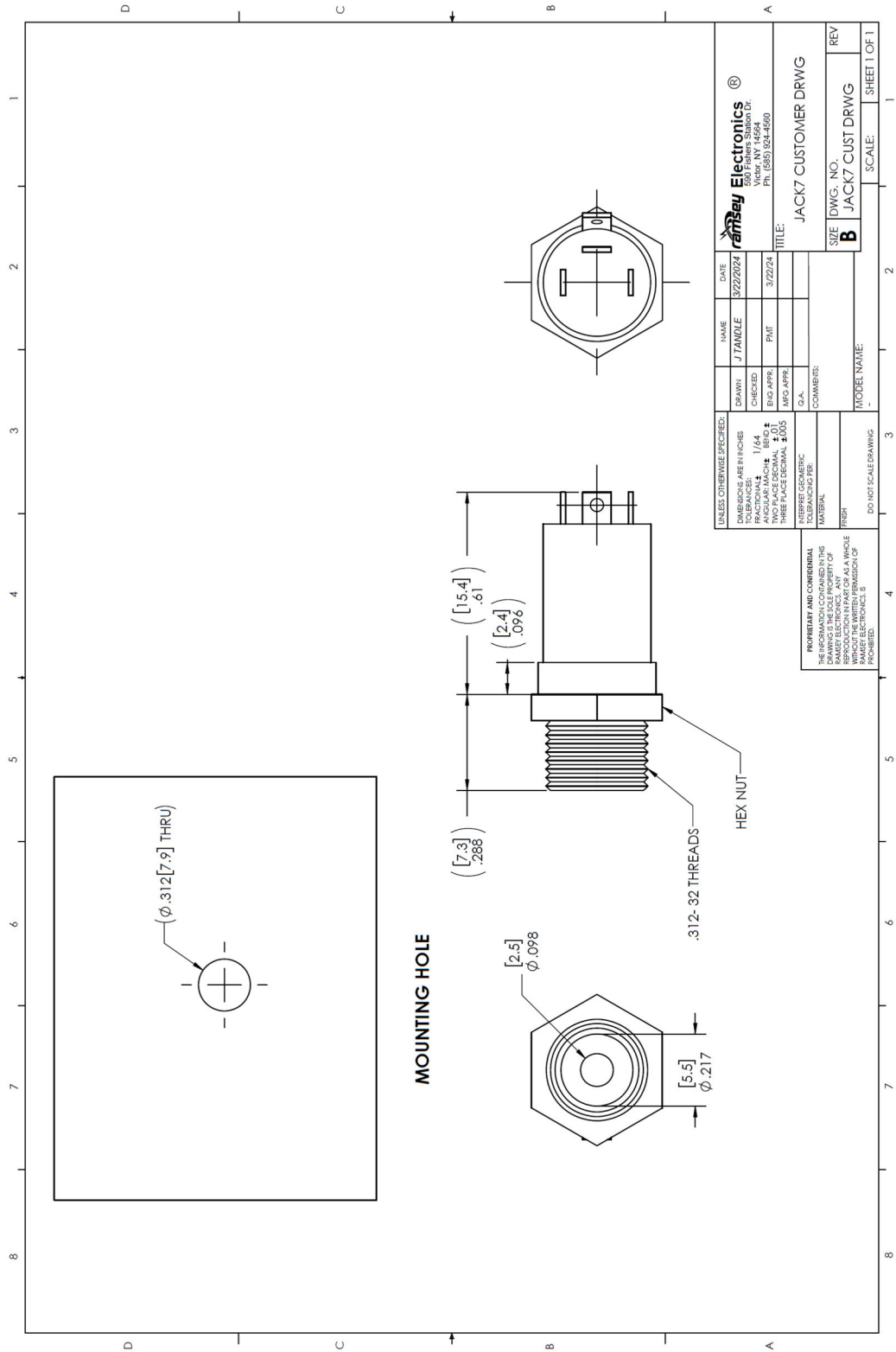
Voltage Rating:	12VDC
Current Rating:	3 Amps.
Contact Resistance:	30mΩ.
Insulation Resistance:	100MΩ.
Dielectric Withstanding Voltage:	500VRMS.

### Mechanical:

Mounting:	Panel Mount.
Pin Contact:	Ø2.5mm, Nickel Plated Copper.
Sleeve Contact:	Ø5.5mm, Nickel Plated Brass.
Insertion Depth:	9.0mm.
Housing:	PBT.
Hex Nut:	Nickel Plated Brass.
Lock Washer:	Nickel Plated Steel.
Max Panel Thickness:	0.125 Inches (3.2mm).
Mounting Threads:	5/16-32.
Insertion or Withdrawal Force:	3 lbs.
Durability:	10,000 Mating Cycles Minimum.

## Schematic





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