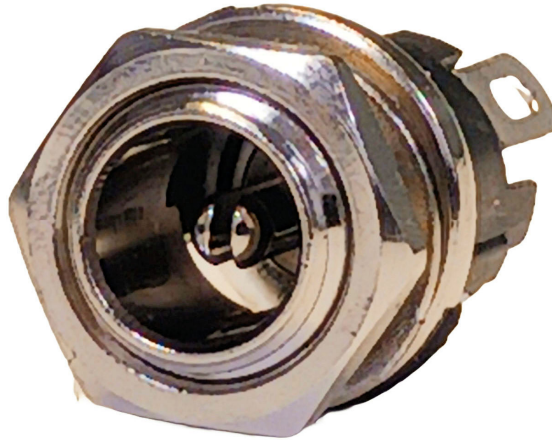


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## 2.1mm X5.5mm DC POWER JACK

### JACK43



#### **Overview:**

JACK43 is a 2.1mm 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.
- Nickle Plated Brass Construction.
- Panel Mount.
- Wide Temperature Range.



**Specifications:**

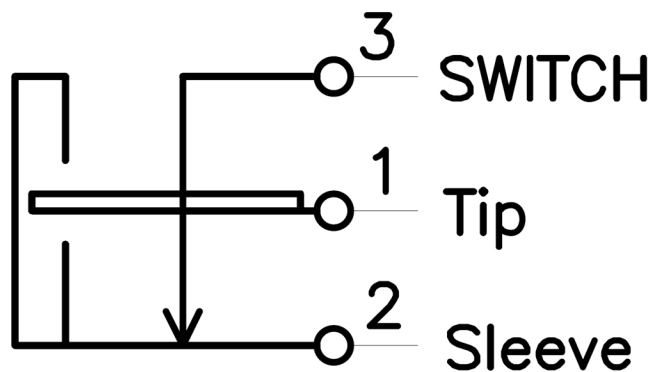
**Electrical:**

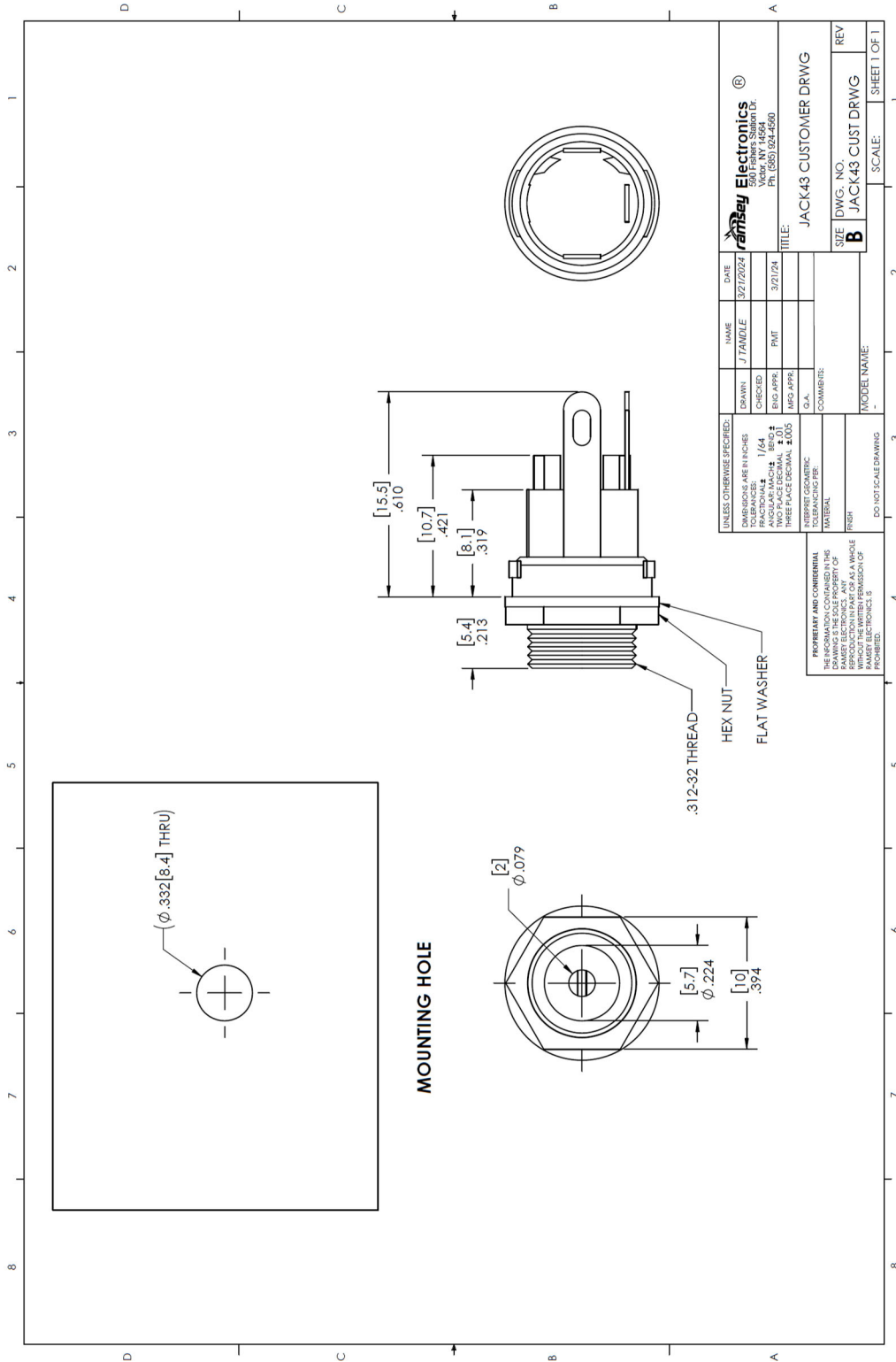
Voltage Rating:	24VDC
Current Rating:	5 Amps.
Contact Resistance:	30mΩ.
Insulation Resistance:	100MΩ.
Dielectric Withstanding Voltage:	500VRMS.

**Mechanical:**

Mounting:	Panel Mount.
Pin Contact:	Ø2.0mm, Nickel Plated Brass.
Sleeve Contact:	Ø5.7mm, Nickel Plated Brass.
Insertion Depth:	9.0mm.
Body:	PBT (UL94V-0).
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:	0.3 - 3kg.
Operating Temperature:	-40°F to 158°F (-40°C to +70°C).
Durability:	5,000 Mating Cycles Minimum.

**Schematic**





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