

## SHROUDED MALE PIN JACKS & SPRING CONTACT PLUGS

- Fully shrouded connection
- Color coded for easy identification
- Low contact resistance
- Precision spring contact for reliable connection
- Highly durable for multiple insertions
- Plugs available for 20 and 22 gauge wire (crimp or solder)
- Low insertion and withdrawal forces
- Field replaceable and autoclavable



### SPECIFICATIONS

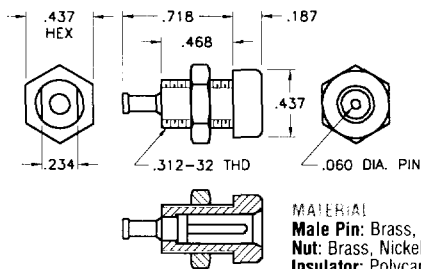
**Current Rating:** 7 Amps  
**Breakdown Voltage:** 3500 VRMS  
**Contact Resistance:** .010  $\Omega$  Maximum  
**Plug Shroud Diameter:** .177  
**Operating Temperature:** -66°F to +185°F  
 (-55°C to +85°C)

### SHROUDED MALE PIN JACK (Fully Insulated)

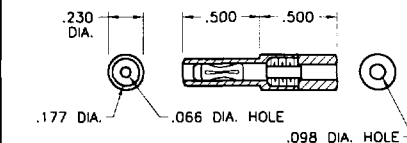
### MATES WITH

### SHROUDED SPRING CONTACT PLUG

| CAT. NO. | COLOR  |
|----------|--------|
| 9000     | WHITE  |
| 9001     | RED    |
| 9002     | BLACK  |
| 9003     | GREEN  |
| 9004     | YELLOW |
| 9005     | BLUE   |



**MATERIAL**  
**Male Pin:** Brass, Gold Plate  
**Nut:** Brass, Nickel Plate  
**Insulator:** Polycarbonate



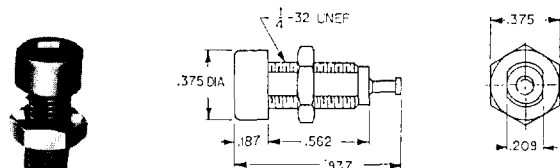
**MATERIAL**  
**Spring Contact:** Beryllium Copper, Gold Plate  
**Body:** Brass, Gold Plate  
**Insulator:** Polycarbonate

| CAT. NO. | COLOR  | GAUGE       |
|----------|--------|-------------|
| 9006     | WHITE  | 20 AWG WIRE |
| 9007     | RED    |             |
| 9008     | BLACK  |             |
| 9009     | GREEN  |             |
| 9010     | YELLOW |             |
| 9011     | BLUE   | 22 AWG WIRE |
| 9012     | WHITE  |             |
| 9013     | RED    |             |
| 9014     | BLACK  |             |
| 9015     | GREEN  |             |
| 9016     | YELLOW |             |
| 9017     | BLUE   |             |

## FULLY INSULATED DELUXE TIP JACK

### ACCEPTS .080" TIP (WITH CLOSED ENTRY CONTACT)

Fully molded body with recessed closed entry design. Assures maximum retention with .010 $\Omega$  maximum contact resistance. Prevents accidental insertion of larger diameter probes. Current rating: 10 Amps. Breakdown voltage 5700 VRMS. Capacitance to metal panel 2.0 pF nominal. Supplied with nut.



### SELECTION OF COLORS

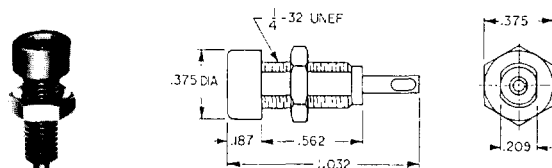
| CAT. NO. | COLOR  |
|----------|--------|
| 6030     | WHITE  |
| 6031     | RED    |
| 6032     | BLACK  |
| 6033     | GREEN  |
| 6034     | YELLOW |
| 6035     | BLUE   |

**MATERIAL**  
**Body:** Molded Nylon ASTM D4066  
**Contact:** Beryllium Copper, Silver Plate  
**Terminal:** Brass, Tin Plate

## FULLY-INSULATED STANDARD TIP JACK

### ACCEPTS .080" TIP

Economical tip jacks with molded Nylon body. Low contact resistance. Formed phosphor bronze contact with solder hole for ease in attaching wire. Current rating 10 Amps. Breakdown voltage 5700 VRMS. Capacitance to metal panel 3.8 pF. Supplied with nut.



### SELECTION OF COLORS

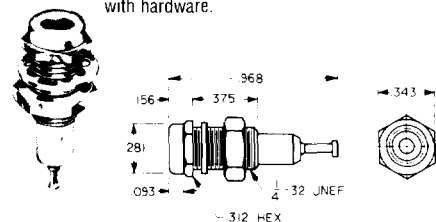
| CAT. NO. | COLOR  |
|----------|--------|
| 6018     | WHITE  |
| 6019     | RED    |
| 6020     | BLACK  |
| 6021     | GREEN  |
| 6022     | YELLOW |
| 6023     | BLUE   |

**MATERIAL**  
**Body:** Molded Nylon ASTM D4066  
**Contact:** Phosphor Bronze, Tin Plate

## METAL-CLAD TIP JACK (MIL)

### ACCEPTS .080" TIP (WITH CLOSED ENTRY CONTACT)

High quality tip jack for high reliability industrial applications. Ideal for use where required to withstand severe environmental conditions, temperature, vibration and salt spray. Recessed closed entry contact. Current rating: 5 Amps. Breakdown voltage: 5700 VRMS. Made to MS-16108 Rev. F of MIL-STD-242A and MIL-C39024/10. Capacitance to metal panel 2.0 pF. Supplied complete with hardware.



### SELECTION OF COLORS

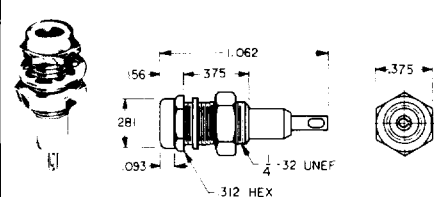
| CAT. NO. | COLOR  |
|----------|--------|
| 6012     | WHITE  |
| 6013     | RED    |
| 6014     | BLACK  |
| 6015     | GREEN  |
| 6016     | YELLOW |
| 6017     | BLUE   |

**MATERIAL**  
**Body:** Molded Nylon ASTM D4066  
**Shell & Nut:** Brass QQ-B-626, Nickel Plate QQ-N-290  
**Contact:** Beryllium Copper PER QQ-C-533, Gold Plate MIL-G-45204

## METAL-CLAD TIP JACK (STD)

### ACCEPTS .080" TIP

Molded Nylon body with metal jacket. Contact is formed from phosphor bronze with solder hole for ease in attaching wire. Designed for positive contact, easy insertion and withdrawal. Current rating: 10 Amps. Breakdown voltage: 5700VRMS. Capacitance to metal panel 3.8 pF. Supplied with nut.



### SELECTION OF COLORS

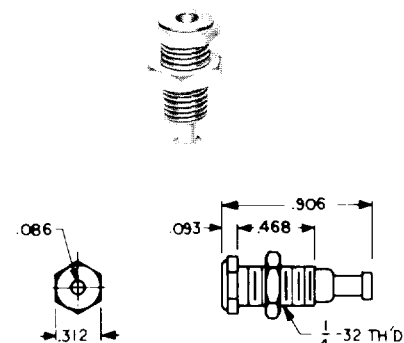
| CAT. NO. | COLOR  |
|----------|--------|
| 6024     | WHITE  |
| 6025     | RED    |
| 6026     | BLACK  |
| 6027     | GREEN  |
| 6028     | YELLOW |
| 6029     | BLUE   |

**MATERIAL**  
**Body:** Molded Nylon ASTM D4066  
**Shell:** Brass, Nickel Plate  
**Contact:** Phosphor, Bronze Silver Plate

## UNINSULATED TIP JACK

### ACCEPTS .080" TIP

Quality, precision machined tip jack made of brass. Ideal for use on metal panels where grounding is required. Fits panels up to 3/8" thk. Complete with hex nut.



**MATERIAL**  
**Body:** Brass, Nickel Plate  
**Contact:** Bronze  
**Rating:** 15 Amps.

**CAT. NO. 6097**