

# Switchcraft®

## 3.5 MM HEAVY-DUTY STEREO PLUG

NEW  
PRODUCT  
BULLETIN

523



### FEATURES AND BENEFITS

- One piece tip rod with flat for easy solderability.
- Compliments current line of 3.5 mm jacks.
- Insert molded plug finger.
- Heavy Duty cable clamp provides better strain relief for larger cables
- Longer cable clamp for easier plug assembly and more room for solder connections
- Knurl on the back of handle provides ergonomic gripping surface to tighten plug
- Tubular insulator included to prevent solder joints from contacting handle
- Longer handle for improved gripping surface and easy plug withdrawal from jack
- Large solder terminal for easy solderability

### MARKETS

- Audio
- Consumer electronic equipment
- Broadcast studios
- Home recording equipment
- Audio cable assembly manufacturers
- Instrumentation
- Test equipment

### SPECIFICATIONS

Contact Resistance :<0.020 ohms

Dielectric Withstand Voltage:-250 VAC (min.)

Insulation Resistance @ 500 VDC: 2,000 megohms (min.)

Working Voltage:-250 VAC, 140 VDC

Current Carry @ Working Voltage: 4 AMPS

Insert/Withdrawal Force:-Typical 2.5/2 pounds

Temperature Range: 0° to 66° Centigrade (operating) Passed MIL-STD-202F Method 107G (Thermal Shock), and Method 201 (Vibration)

Life:-5000 cycles

Maximum Cable Size:-.250" dia.

### MATERIALS

Tip Rod: Copper alloy, tin, or gold-plated

Ring: Copper alloy, nickel, or gold-plated

Sleeve:-Copper alloy, nickel, or gold-plated

Handle: Copper alloy, nickel, or gold-plated

Cable Clamp:-C.R.S., tin-plated

Solder Terminal: Copper alloy, tin-plated

Tubular Insulator: Clear plastic

### ORDERING INFORMATION

1. Order by part number
2. Contact Switchcraft for more information

**Switchcraft®**

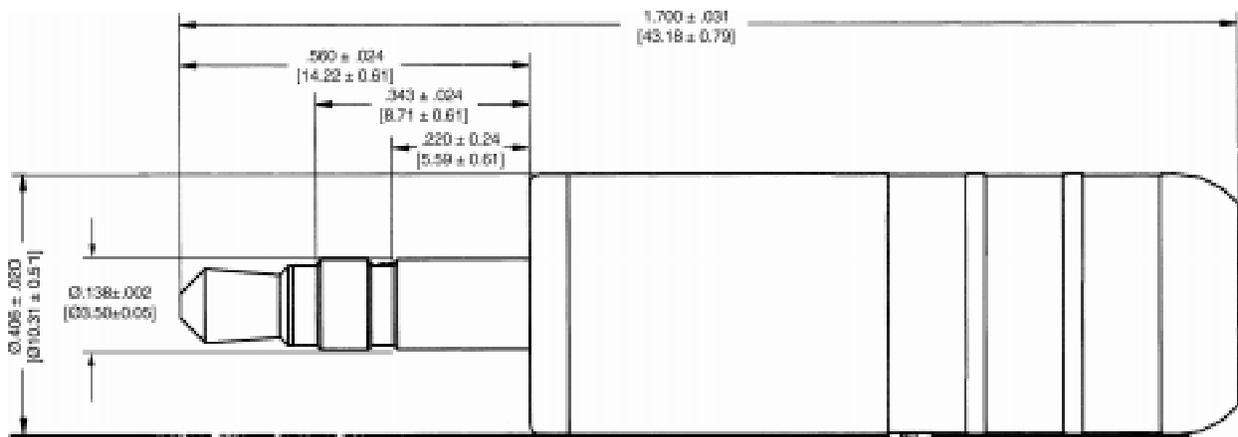
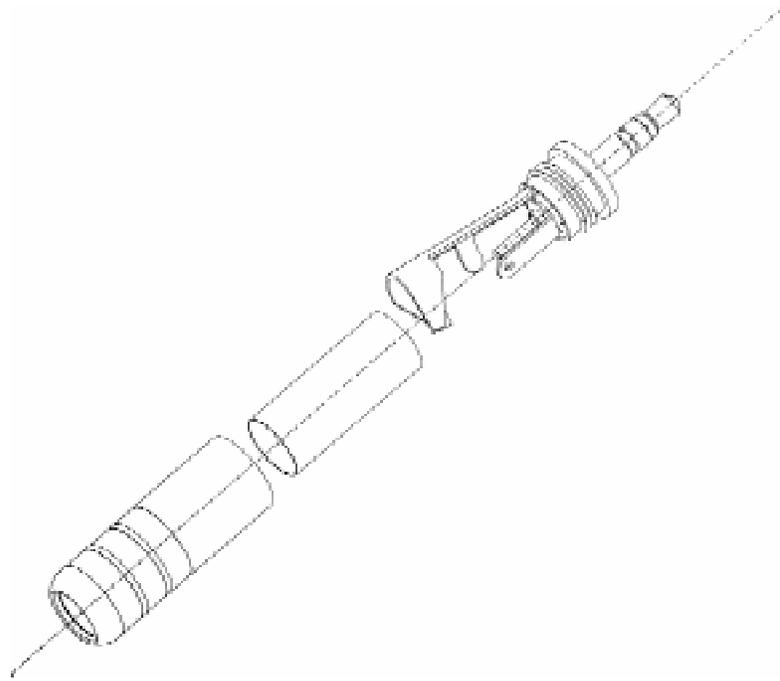
FAX

To: \_\_\_\_\_

From: \_\_\_\_\_

3.5 MM HEAVY-DUTY STEREO PLUG

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Switchcraft, Inc. is a major manufacturer of a broad line of electronic/electromechanical components for the audio/video, telecommunication, data communication, computer, medical, military, appliance, transportation and instrumentation markets.

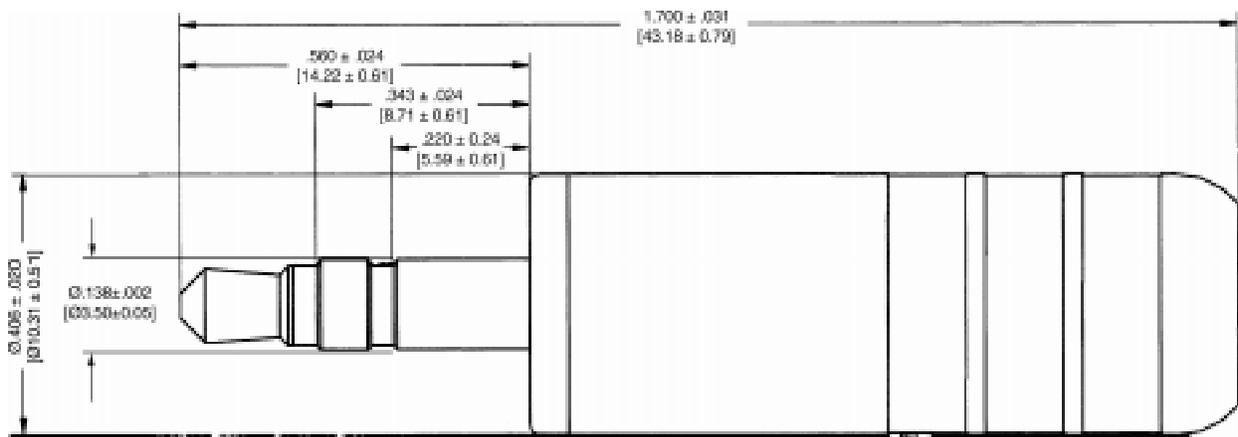
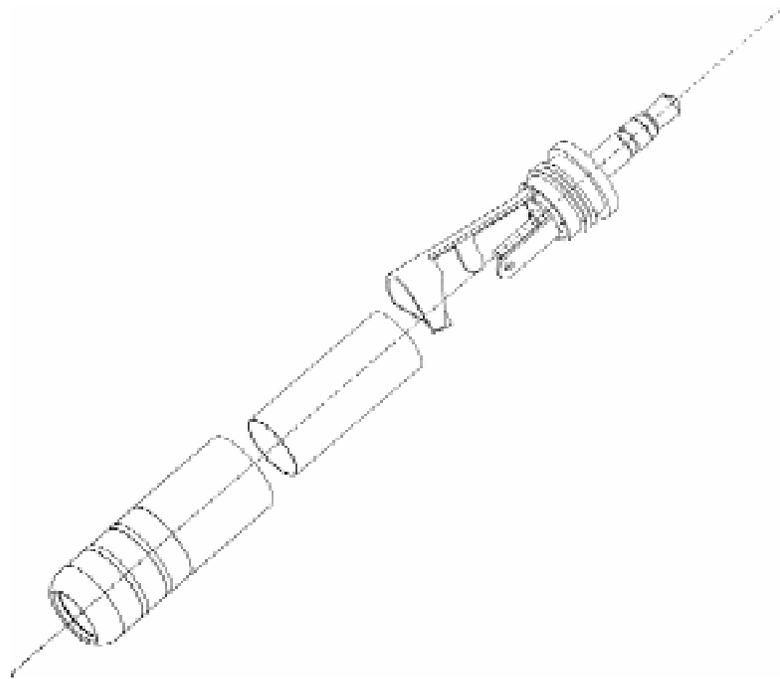
## Switchcraft®

SWITCHCRAFT, INC.  
 5555 NORTH ELSTON AVENUE  
 CHICAGO, IL 60630  
 (773) 792-2700 • FAX: (773) 792-2129



We reserve the right to change prices, specifications and/or part numbers contained herein when circumstances make it necessary.

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