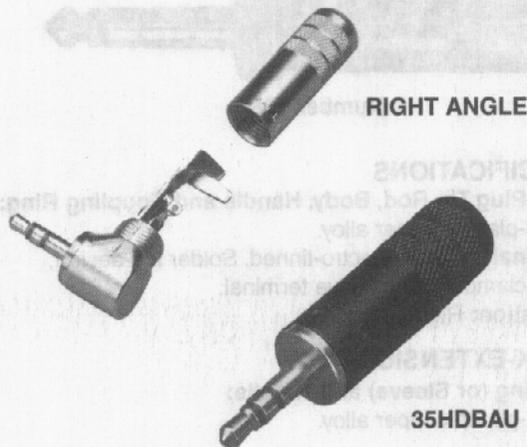


**3.5 MM HEAVY DUTY STEREO PLUGS**

**3.5MM STEREO PLUGS**  
**FEATURES**

- Heavy duty 3.5mm plugs for audio, instrument, other applications.
- Large cable clamps for rugged use.
- Available in straight or right angle.
- One piece tip rods for added durability.
- Available in nickel, gold, and black finishes.
- Large solder terminals for easy assembly.
- Standard handle accommodates cable sizes up to 0.290"
- Optional 'S' versions accommodate cable sizes up to 0.175"

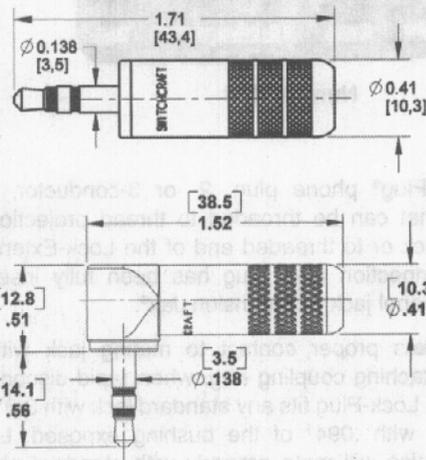
35HDBN - Black Handle, Nickel Plug  
 35HDBAU - Black Handle, Gold Plug  
 35HDNAU - Nickel Handle, Gold Plug  
 35HDNN - Nickel Handle, Nickel Plug

**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

Part Number	Description		
	Plug Finger	Handle	Notes
35HDNN	Nickel	Nickel	
35HDNNS	Nickel	Nickel	0.175" handle opening
35HDBN	Nickel	Black	
35HDBNS	Nickel	Black	0.175" handle opening
35HDNAU	Gold	Nickel	
35HDNAUS	Gold	Nickel	0.175" handle opening
35HDBAU	Gold	Black	
35HDBAUS	Gold	Black	0.175" handle opening
35HDRANN	Nickel	Nickel	Right angle
35HDRABAU	Gold	Black	Right angle
35HDRAAU	Gold	Nickel	Right angle

DIMENSIONS ARE FOR REFERENCE ONLY  $\frac{\text{Inch}}{\text{(mm)}}$