

JACKS & PLUGS

78

Plug Series — Tini, Micro, 3.5mm Stereo, Right Angle 3.5mm Stereo, Phono, Right Angle Phono Plugs Series

Switchcraft offers a wide variety of Tini, Micro, 3.5mm, and RCA or Phono plugs. Tini plugs are 2 conductor plugs with plug finger diameters of .141" or 3.57mm. Micro plugs are 2 conductor plugs with plug finger diameters of .097" or 2.47mm. Our 35HD Series are true 3.5mm plugs, available in both straight and right angle versions; and available only in 3 conductor. The RCA or Phono plugs come with either hollow pins or solid pins. The 3502 offers hollow pins and standard size handle, the 3502L offers the same pin, but with a larger handle, accommodating cables up to .290". The 3502A and 3502RA Series offer solid pins and the larger cable clamps and handles. The 3558 Series offers a low cost alternative, with hollow pins and plastic handles.

Specifications

Mechanical

Life rating: 5,000 insertion/withdrawals
Insertion/Withdrawal Force: 1 lb
(depending on mating jack)

Electrical

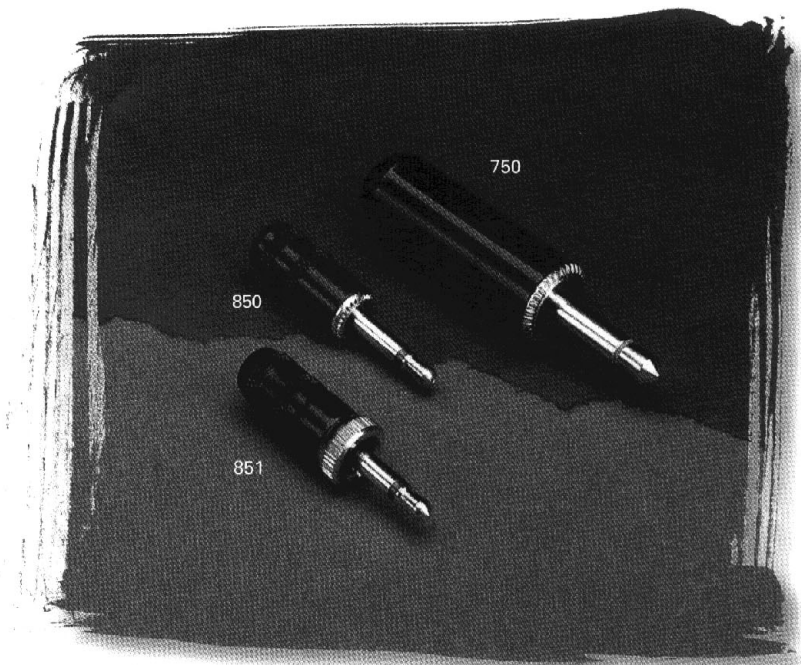
Insulation Resistance: > 100 megohms
Dielectric Withstanding Voltage: 250 VAC

Environmental

Thermal Range: -55°C to +85°C
(non operating); -20°C to 65°C
(operating)
Thermal Shock: Mil-Std 202, method 107
Humidity: Mil-Std 202, method 106
Salt Spray: Mil-Std 202, method 101

Materials

Tip, Rod and Body (also integral coupling collar on lock micro-plug): Nickel-plated copper alloy
Insulation: Molded thermoplastic
Sleeve Termination and Cable Clamp: Tinned copper alloy
Handle: Nickel-plated copper alloy, or anodized aluminum, or thermoplastic. See factory for details.



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Ordering Information

| Part No. | Conductors | Terminals | Typical Mating Jack | Handle | Notes |
|---------------------------------------|------------|-----------|---------------------|----------------|-------------------------------|
| Tini-Plug (.141") | | | | | |
| 740 | 2 | Screw | 41 | Black | |
| 750 | 2 | Solder | 41 | Black | |
| 755 | 2 | Solder | 41 | Red | |
| 780 | 2 | Solder | 41 | Shielded | |
| Micro-Plugs (.097") | | | | | |
| 850 | 2 | Solder | TR2A | Black | |
| 855 | 2 | Solder | TR2A | Red | |
| 851 | 2 | Solder | TR2A | Black | Locking version |
| 880 | 2 | Solder | TR2A | Shielded | |
| 881 | 2 | Solder | TR2A | Shielded | Locking version |
| 3.5mm Stereo Plugs | | | | | |
| 35HDNN | 3 | Solder | | Shielded | |
| 35HDNNS | 3 | Solder | | Shielded | Smaller handle |
| 35HDBAU | 3 | Solder | | Black Shielded | Gold-plated finger |
| 35HDNAU | 3 | Solder | | Shielded | Gold-plated finger |
| 3.5mm Right Angle Stereo Plugs | | | | | |
| 35HDRANN | 3 | Solder | | Shielded | |
| 35HDRABAU | 3 | Solder | | Black Shielded | Gold-plated finger |
| 35HDRANAU | 3 | Solder | | Shielded | Gold-plated finger |
| Phono Plugs | | | | | |
| 3502 | 2 | Solder | 3501FP | Shielded | Hollow Pin |
| 3502A | 2 | Solder | 3501FP | Shielded | Large cable clamp, solid pin |
| 3502AAU | 2 | Solder | 3501FP | Shielded | Gold-plated finger |
| 3502ABAU | 2 | Solder | 3501FP | Black shielded | Gold-plated finger |
| 3502L | 2 | Solder | 3501FP | Shielded | Hollow pin, large cable clamp |
| 35581 | 2 | Solder | 3501FP | Red | Plastic handle |
| 35582 | 3 | Solder | 3501FP | Black | Plastic handle |
| 35585 | 3 | Solder | 3501FP | White | Plastic handle |
| Right Angle Phono Plugs | | | | | |
| 3502RA | 2 | Solder | 3501FP | Shielded | |
| 3502RABAU | 2 | Solder | 3501FP | Black Shielded | Gold-plated finger |
| 3502RAAU | 2 | Solder | 3501FP | Shielded | Gold-plated finger |

See Pages 84-86 for Mechanical Drawings