

JACKS & PLUGS

PRODUCT BULLETIN 534

RIGHT ANGLE PHONO PLUG

Switchcraft's right-angle phono plugs (3502RA) features an easy-to-assemble three piece construction: a handle, insulator and plug assembly. The plug features a solid-pin design and large solder terminals that make termination faster and easier. The reduced profile makes it perfect for use behind equipment where space is at a premium. The larger cable clamp and handle will accommodate a variety of cable sizes. Available in nickel or gold-plated plug bodies with nickel or black finish handles, this new phono plug will save time and space in any application.

Features and Benefits

- Solid center conductor
- High quality appearance
- Larger cable clamp provides better strain relief for larger cables
- Longer cable clamp for easier plug assembly and more room for solder connection
- Knurl on the back of handle provides ergonomic gripping surface to tighten plug
- Longer handle for improved gripping surface and easy plug withdrawal from jack

Markets

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

Part Number	Description
3502RA	Nickel-plated plug finger and handle
3502RAAU	Gold-plated plug finger and nickel-plated handle
3502RABAU	Gold-plated plug finger and black epoxy finished handle



Part # 3502RABAU



Part # 3502RAAU



Part # 3502RA

Right Angle Phono Plug 3502RA Series

Specifications

Electrical

- Contact Resistance (typical *D.O.M.J.): <0.20 ohms
- Dielectric Withstand Voltage: 500VAC (minimum)
- Insulation Resistance @ 500VDC: 2,000 megohms (minimum)
- Insulation Resistance (after MIL-STD-202 Salt Spray):
1,000 megohms (minimum)
- Working Voltage: 250VAC, 140VDC
- Current Carry @ Working Voltage (typical *D.O.M.J.):
6.0 Amps

Mechanical

- Insert/Withdrawal Force: *D.O.M.J.
- Temperature Range: -40°C to +85°C
- U.L. Component Recognition File No.: E118169
- Life: *D.O.M.J.
- Maximum Cable Size: .285" diameter

*D.O.M.J. - Dependent On Mating Jack

Material

- Pin: Copper alloy, nickel-plated or gold-plated
- Sleeve: Copper alloy, nickel-plated or gold-plated
- Handle: Copper alloy, nickel-plated or black epoxy finished
- Cable Clamp: C.R.S., electrotin-plated
- Insulator: Rigid plastic

