



### 3.5 mm Mono & Stereo PC Board Mount Jacks

3.5mm PC mountable jacks, perfect for use in multi-media workstations, headphone/ microphone sets, Audio, Telecommunications, Medical and Instrumentation. The compact design and easy of installation onto a PCB make this an ideal solution.

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#### 35RAPC2AV Â MONO, VERTICAL, THREADED

##### MATERIALS

Coil Spring: Steel wire.  
Bushing: Nickel-plated copper alloy.  
Terminal: Silver-plated copper alloy.  
Tip Spring: Silver-plated copper alloy.  
Shunt Terminal: Plated copper alloy.  
Cover: Thermoplastic, transparent UL 94V-2.  
Body: Thermoplastic, UL 94V-1 black color.

##### PERFORMANCE SPECIFICATIONS

Contact Resistance: 20 milliohms maximum.  
Insulation Resistance: 100 megohms minimum at 250V DC.  
Dielectric Withstanding Voltage: 250V AC.  
Life: 5000 cycles, minimum.  
Insertion Force: 0.88 pounds - 3.5 pounds.  
Withdrawal Force: 0.88 pounds - 2.64 pounds.

#### 35RAPC4BHN2 Â STEREO, HORIZONTAL, NON-THREADED

##### MATERIALS

Cover: Thermoplastic, UL 94V-1 black color.  
Shunt Terminals: Silver-plated copper alloy.  
Ring Spring: Copper alloy.  
Tip Spring: Special silver plating.  
Ground Terminal: Plated copper alloy.  
Metal: Nickel-plated copper alloy.  
Body: Thermoplastic, UL 94V-0 black color.

##### PERFORMANCE SPECIFICATIONS

Contact Resistance: 30 milliohms maximum, initial 100 milliohms maximum., after life.

Insulation Resistance: 100 megohms minimum at 500V DC.

Dielectric Withstanding Voltage: 500V AC.

Life: 5000 cycles, minimum.

Insertion Force: 0.88 pounds - 6.6 pounds.

Withdrawal Force: 0.88 pounds - 6.6 pounds.

### 35RAPC2BHN2 - STEREO, HORIZONTAL, NON-THREADED

#### MATERIALS

Cover: Thermoplastic, UL 94V-1 black color.

Ring Spring: Copper alloy.

Tip Spring: Silver-plated copper alloy.

Ground Terminal: Silver-plated copper alloy.

Metal: Copper alloy, nickel plating.

Body: Thermoplastic, UL 94V-0 black color.

#### PERFORMANCE SPECIFICATIONS

Contact Resistance: 30 milliohms maximum, initial 100 milliohms maximum, after life.

Insulation Resistance: 100 megohms minimum at 500V DC.

Dielectric Withstanding Voltage: 500V AC.

Life: 5000 cycles, minimum.

Insertion Force: 0.88 pounds - 6.6 pounds.

Withdrawal Force: 0.88 pounds - 6.6 pounds.

### 35RAPC2BH3 - STEREO, HORIZONTAL, THREADED

#### MATERIALS

Coil Springs: Steel wire.

Tip Spring: Silver-plated copper alloy.

Ring Spring: Silver-plated copper alloy.

Ground Terminal: Silver-plated copper alloy.

Bushing: Nickel-plated copper alloy.

Cover: Thermoplastic, transparent UL 94V-2.

Body: Thermoplastic, UL 94V-1 black color.

#### PERFORMANCE SPECIFICATIONS

Contact Resistance: 20 milliohms maximum, initial 100 milliohms maximum, after life.

Insulation Resistance: 100 megohms minimum.

Dielectric Withstanding Voltage: 250V AC.

Life: 5000 cycles, minimum.

Insertion Force: 0.88 lbs. - 3.50 lbs.

Withdrawal Force: 0.88 lbs. - 3.10 lbs.

### 35RAPC4BH3 - STEREO, HORIZONTAL, THREADED

#### MATERIALS

Coil Springs: Steel wire.

Tip Spring: Silver-plated copper alloy.

Ring Spring: Silver-plated copper alloy.

Contactors: Silver-plated copper alloy.

Ground Terminal: Silver-plated copper alloy.

Bushing: Nickel-plated copper alloy.

Cover: Thermoplastic, transparent UL 94V-2.

Body: Thermoplastic, UL 94V-1 black color.

#### PERFORMANCE SPECIFICATIONS

Contact Resistance: 20 milliohms maximum, initial 100 milliohms maximum, after life.

Insulation Resistance: 100 megohms minimum.

Dielectric Withstanding Voltage: 250V AC.

Life: 5000 cycles, minimum.

Insertion Force: 0.88 - 3.5 pounds.

Withdrawal Force: 0.88 - 3.1 pounds.

35RAPC2BV4 - STEREO, VERTICAL, THREADED

#### MATERIALS