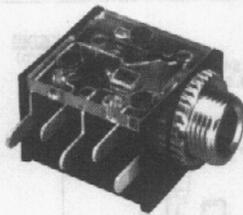
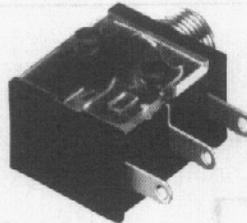


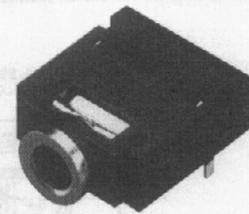
3.5MM SINGLE MONO AND STEREO JACKS



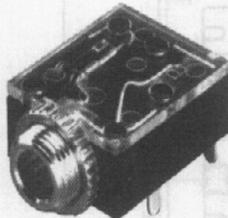
35RAPC4BV4



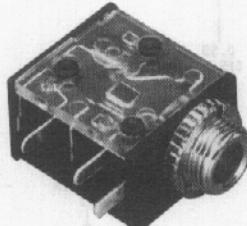
35RAPC2AV



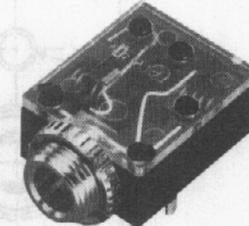
35RAPC2BHN2



35RAPC4BH3



35RAPC2BV4



35RAPC2BH3

FEATURES

- 2 and 3 conductor 3.5mm phone jacks
- Right angle PC mount, true SMT versions, and open frame panel mounts
- Wide variety of circuits available
- Mates with all 3.5mm plugs Right angle PC mount available in low profile, horizontal styles

MATERIALS

Housing: Thermoplastic, UL94V-1
Terminals: Silver-plated, copper alloy
Bushing: Nickel-plated, copper alloy
Performance Specifications:
Contact Resistance: < 50 milliohms
Insulation Resistance: 100 milliohms min.
Dielectric Withstanding Voltage: 250 VAC (35RAPC2BHN2- 500 VAC)
Open Frame Versions Materials:
Housing (35PM2BV2): Thermoplastic, 94V-1
Life: 5000 cycles, min.
Bushing: Nickel-plated, copper alloy

Insulating Washers: Rigid Plastic

Springs: Copper alloy

Sleeve Terminal: Tin-plated, copper alloy

Hardware: Supplied with one, P11501

nickel-plated brass locknut, and one,

S17901 nickel-plated steel flat washer

Performance Specifications:

Contact Resistance: .075 ohms max.

Insulation Resistance: 5,000 Mohms min

Dielectric Withstanding Voltage:

250 VAC Life: 5000 cycles, min

ORDERING INFORMATION

Part numbers which include the letter "N" designate non-threaded bushings.
 Part numbers without the letter "N" designate threaded bushing.

Part Number	Description	Height vs. Width	Bushing
35RAPC2AV	mono	vertical	threaded ³
35RAPC2AHN2	mono	horizontal	non-threaded
35RAPC2AHN3	mono	horizontal	non-threaded
35RAPC2BHN2	stereo	horizontal	non-threaded
35RAPC2BHN3	stereo	horizontal	non-threaded
35RAPC3BHN2	stereo	horizontal	non-threaded
35RAPC3BHN3	stereo	horizontal	non-threaded
35RAPC4BHN2	stereo	horizontal	non-threaded
35RAPC4BHN3	stereo	horizontal	non-threaded
35RAPC2AH3	mono	horizontal	threaded ³
35RAPC2BH3	stereo	horizontal	threaded ³
35RAPC3BH3	stereo	horizontal	threaded ³

Part Number	Description	Height vs. Width	Bushing
35RAPC4BH3	stereo	horizontal	threaded ³
35RAPC2AV4	mono	vertical	threaded ³
35RAPC2BV4	stereo	vertical	threaded ³
35RAPC3BV4	stereo	vertical	threaded ³
35RAPC4BV4	stereo	vertical	threaded ³
35RAPC2AVN4	mono	vertical	non-threaded
35RAPC2BVN4	stereo	vertical	non-threaded
35RAPC3BVN4	stereo	vertical	non-threaded
35RAPC4BVN4	stereo	vertical	non-threaded

Replacement Knurl Nut P3345

1. Order by part number
2. Contact Switchcraft for special ordering information
3. Mounting hardware included.

DIMENSIONS ARE FOR REFERENCE ONLY Inch
(mm)

3.5MM SINGLE, MONO AND STEREO JACKS (continued)

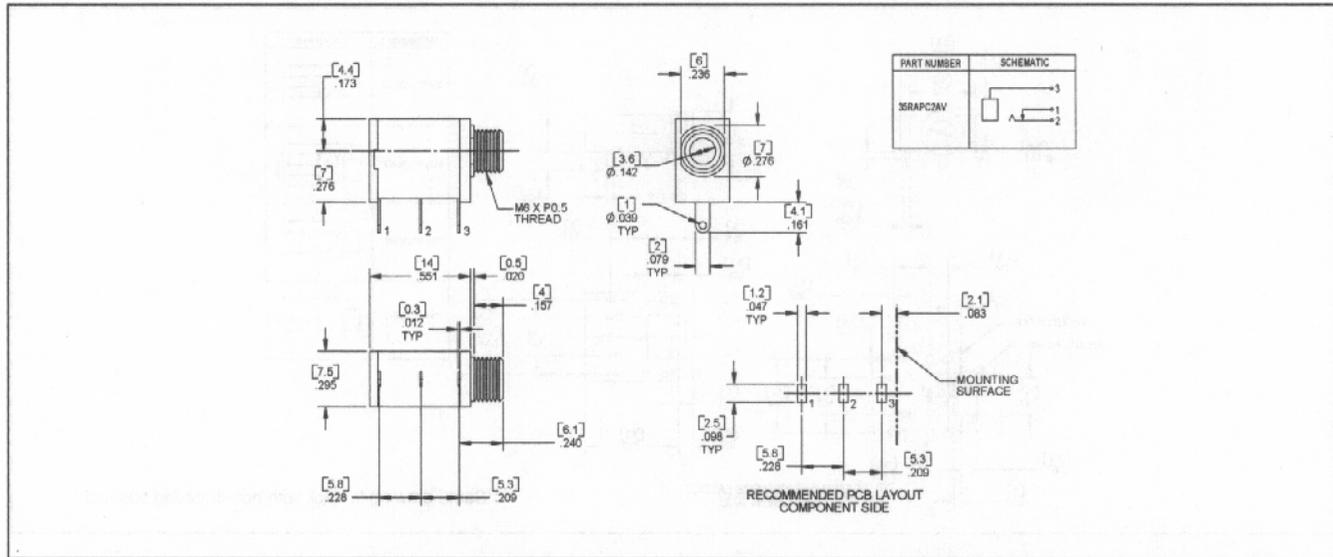
35RAPC2AV – MONO, VERTICAL, THREADED

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 milliohms 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.



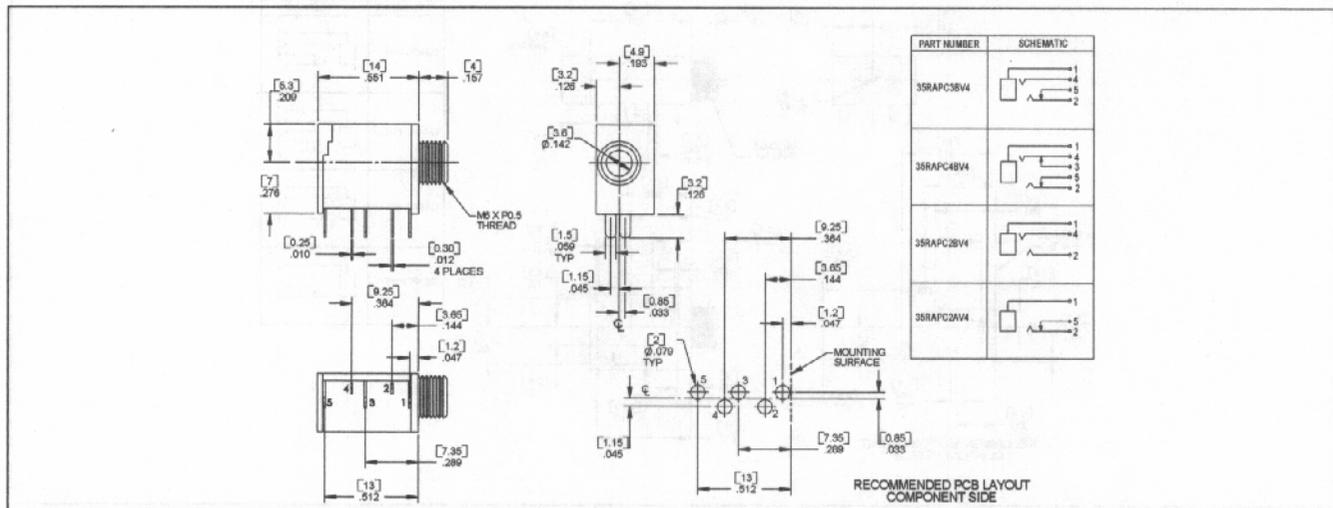
35RAPC2AV4, 35RAPC2BV4, 35RAPC3BV4, 35RAPC4BV4 - STEREO, VERTICAL, THREADED

MATERIALS

- Coil Springs:** Steel Wire.
- Ring Spring:** Copper alloy strip, tin alloy plating.
- Ground Terminal:** Copper alloy strip, tin alloy plating.
- Bushing:** Nickel-plated copper alloy.
- Cover:** Thermoplastic, UL 94V-0 black color.
- Body:** Thermoplastic, UL 94V-0 black color.

PERFORMANCE SPECIFICATIONS

- Contact Resistance:** 20 milliohms maximum, initial 50 milliohms maximum, after life.
- Insulation Resistance:** 50 megohms minimum at 500V DC.
- Dielectric Withstanding Voltage:** 250V AC.
- Life:** 5,000 cycles, minimum.
- Insertion Force:** 0.88 lbs. to 3.50 lbs.
- Withdrawal Force:** 0.88 lbs. to 3.10 lbs.



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

3.5MM SINGLE, MONO AND STEREO JACKS (continued)

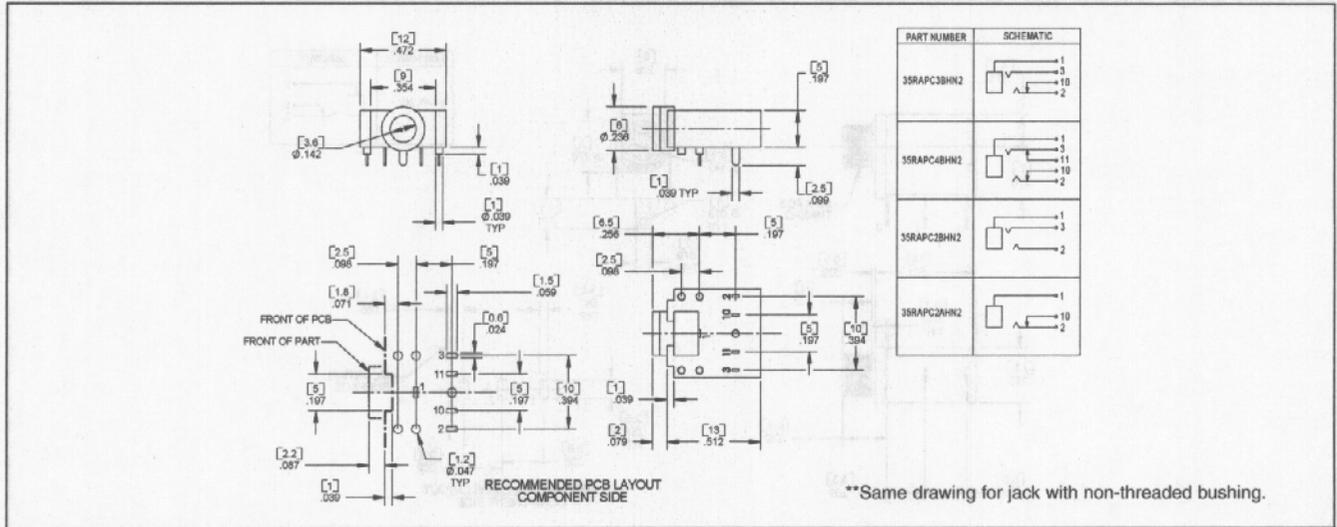
35RAPC2AHN2, 35RAPC2BHN2, 35RAPC3BHN2, 35RAPC4BHN2 - STEREO, HORIZONTAL, NON-THREADED

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.



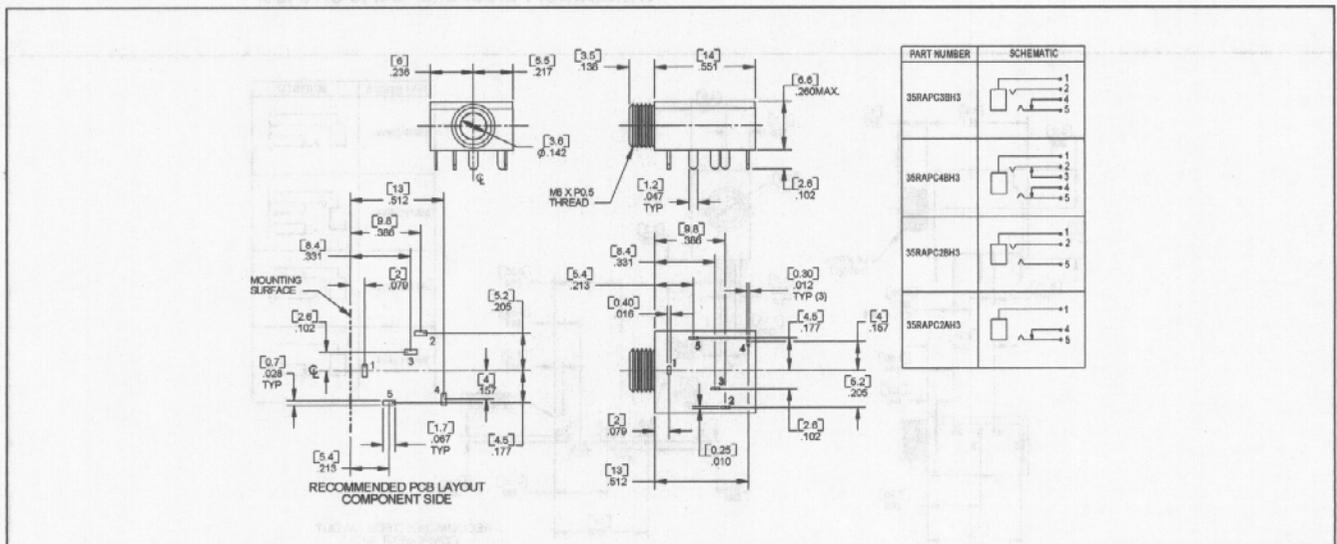
35RAPC2AH3, 35RAPC2BH3, 35RAPC3BH3, 35RAPC4BH3 - STEREO, HORIZONTAL, THREADED

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.



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

Switchcraft® JACKS AND PLUGS