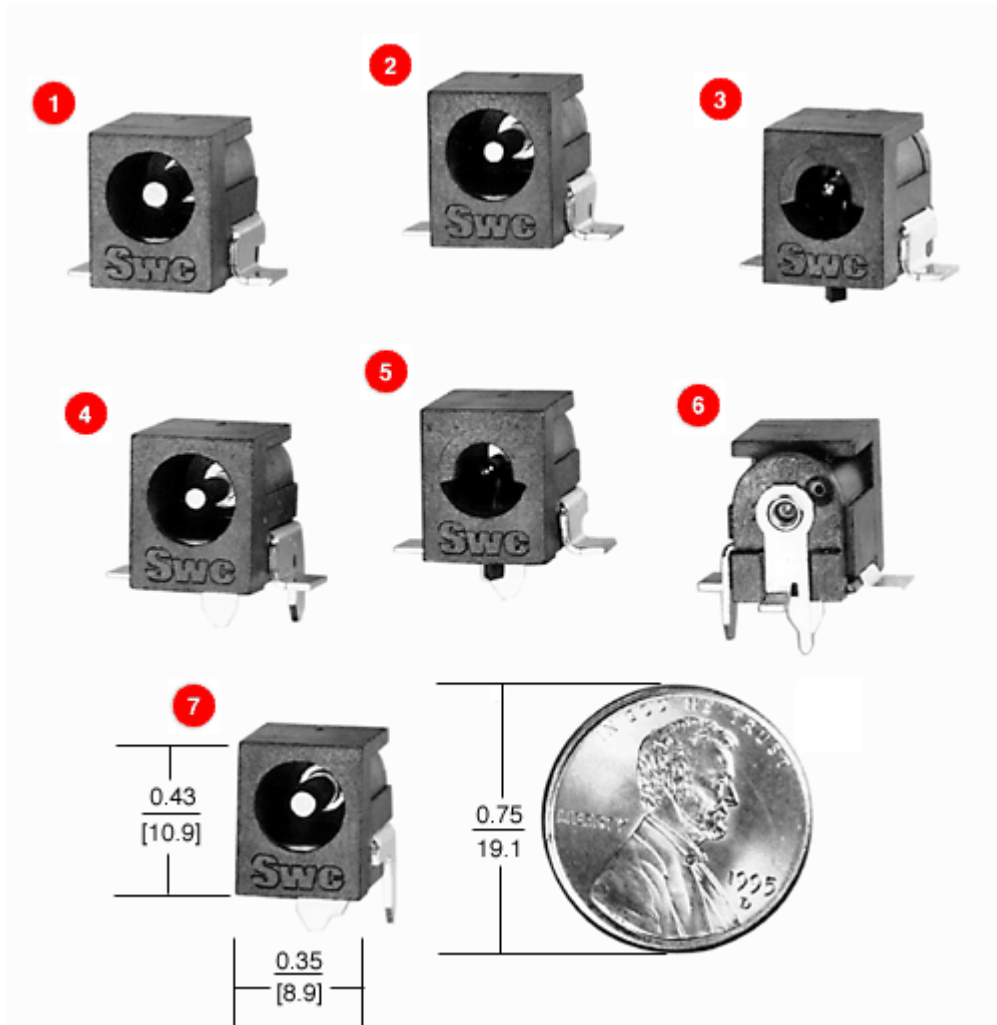


# Switchcraft®

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## RIGHT ANGLE MINIATURE POWER JACKS

Shown above:

1. RASM 712
2. RASM 722
3. RASM 732P
4. RASH 722
5. RASH 732P (Front)

## **6. RASH 732 (Back)**

## **7. RAPC 712**

**Also available, but not shown, are the RASH 712, RAPC 722 and RAPC 732.**

click below to download customer drawings

(you will need to have Adobe Acrobat installed on your system to do this)

1. [RASM 712](#)
2. [RASM 712P](#)
3. [RASM 722](#)
4. [RASM 722P](#)
5. [RASM 732](#)
6. [RASM 732P](#)
7. [RASH 712](#)
8. [RASH 712P](#)
9. [RASH 722](#)
10. [RASH 722P](#)
11. [RASH 732](#)
12. [RASH 732P](#)
13. [RAPC 712](#)
14. [RAPC 722](#)
15. [RAPC 732](#)



## **FEATURES AND BENEFITS**

- \* 2-conductor jack.
- \* Right-angle power jack for PC mounting.
- \* Three center conductor pin diameters: .100", .080", and .050".
- \* Three termination styles, through hole, surface mount and hybrid (combination through hole and surface mount) which allows use of universal PC board.
- \* Heat resistant materials for high temperature soldering.
- \* Flat top aids automatic placement on PC boards.
- \* Sleeve/shunt spring functions as a built-in switch (eg. permits automatic switchover from AC to DC when plug is inserted or withdrawn).
- \* Also available with optional post which secures the jack to the PC board during insertion and withdrawal.

## **APPLICATIONS**

- \* DC-powered hand held instrumentation
- \* Portable computers
- \* Cellular/portable phones
- \* Battery chargers
- \* External low voltage power supplies for instrumentation and more.

## **SPECIFICATIONS**

### **MATERIALS**

**Housing:** High grade thermoplastic UL 94V-O

**Center Pin:** Brass, nickel-plated

<b>Part Number</b>	<b>Materials</b>	
	<b>Terminals</b>	<b>Spring</b>
RAPC712 RAPC722 RAPC732	Brass, silver-plated	Copper-alloy, silver-plated
RASM712 RASM722 RASM732 RASH712 RASH722 RASH732	Brass, solder-plated	Copper-alloy, solder-plated

### **MECHANICAL**

**Life:** 5,000 cycles minimum

**Insertion Force:** 5 lb. maximum

**Withdrawal Force:** 0.5 lb. minimum

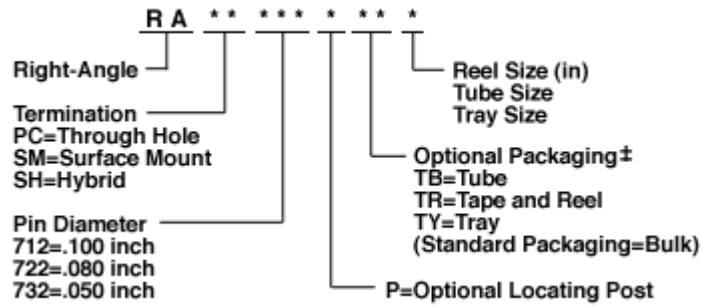
### **ELECTRICAL**

**Contact Resistance:** 30 milliohms maximum

**Insulation Resistance:** 30 megohms @ 100V DC

**Dielectric Withstanding Voltage:** 250V AC for 1 minute

Current (carrying): 5 A



Right Angle Power Jacks	Pin Size	Typical Mating Plug
RAPC712 RASH712 RASM712	.100"	760 Black Handle 765 Red Handle *ST765 or RA765 for molded cables
RAPC722 RASH722 RASM722	.080"	S760 Black Handle S765 Red Handle *ST760 or RA760 for molded cables
RAPC732 RASH732 RASM732	.050"	860 Black Handle 865 Red Handle

See Engineering Design Guide for other power jacks and plugs.

\* Special order only, contact Switchcraft.

± Contact Factory.

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