

PANEL MOUNT DC POWER JACKS



- 1. 712A
- 2. PC712A
- 3. 2C1072
- 4. L722A

FEATURES

- *2 conductor jack.
- *Automatic switch over from AC to DC permitted by sleeve shunt spring.
- *Split center pin shaped to hold mating plug firmly. (732A available in solid center pin only.)
- *Choose solder lug or PC terminal. (732A not available in PC terminal.)
- *Bushing length available as .219" or extended .319 to permit use in thicker panels (732A not available in extended length.)
- *L712A and PCL712A accept plugs with .475" long, 0.099" diameter sleeve.
- *L722A and PCL722A accept plugs with .475" long, 0.08" diameter sleeve.

MOUNTING

Part Numbers 712A, 722A and 732A - Mounts in .313 inch diameter hole in panels up to .125 inches thick (maximum).

Part Numbers PC712A and PC722A - Same as 712A. See drawing for PC board layout.

Part Number 2C1072 - Jack covers for 712A, 722A and 732A - special order only.

For insulated mounting, two insulated washers are available on special order. Mounting hole diameter is .375 inches. See "Insulated Mounting" drawing.

Part Number P2442 - Phenolic flat washer.

Part Number S4263 - Swedged fiber washer.

SPECIFICATIONS

MECHANICAL

- Life:** 10,000 insertion/withdrawal cycles minimum.
- Insertion/Withdrawal Forces:** 3 pound insertion (maximum), 4 ounce minimum withdrawal.

Part Numbers 712A, PC712A, 722A, PC722A, 732A

ELECTRICAL

- Contact Resistance:** .01 ohms maximum (initial), .02 ohms maximum (after humidity, durability exposure), .1 ohms maximum (after salt spray).
- Insulation Resistance:** 10,000 M(ohm) minimum (initial), 1,000 M(ohm) minimum (after humidity, durability exposure).
- Dielectric Withstanding Voltage:** 500 V AC maximum.
- Contact Rating:** 5 A, 12 V DC. resistive.

MATERIAL

- Housing:** Molded plastic.
- Mounting Bushing and Hex Nut:** Plated copper alloy.
- Pin, Spring and Terminals:** Plated copper alloy.
- Insulators:** Rigid plastic.

Hardware: Supplied with one **Number P2439** nickel-plated brass hex nut, and one **Number P2441** nickel-plated steel flat washer.

Part Number	Description	Outside Diameter*	Typical Mating Plug**
712A	Solder lugs	0.1 inches (.097-.099)	760 760K 761K
PC712A	PC terminals		
L712A	Longer Bushing		
722A	Solder lugs	0.08 inches (.075-.077)	S760 S760K S761K
PC722A	PC terminals		
L722A	Longer Bushing		
732A	Solder lugs	0.05 inches	860

* Center pin diameter.
** Other mating Plugs are available.

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