



Right Angle DC Locking Power Jacks

Similar to the PC712A, PC722A, and PC732A, the new versions have RAPC terminals to allow right angle mounting to the PC board. The new versions have threaded bushings to allow use of both standard and locking power plugs. The L versions of the new power jacks have a longer bushing (0.319") to accommodate thicker panel mount applications. Available in the same pin diameters as our existing line of power jacks (0.050", 0.080", and 0.100"). The new power jacks are perfect for applications where the customer needs a locking feature, but cannot use a standard vertical PC mount jack.

Mechanical

Life: 10,000 insertion/withdrawal cycles minimum

Insertion/Withdrawal Forces: 3 pound maximum insertion, 4 ounce minimum withdrawal

Electrical

Contact Resistance: .01 ohms maximum

(initial) .02 ohms maximum (after humidity, durability exposure),

.1 ohms maximum (after salt spray)

Insulation Resistance: 10,000 MW minimum (initial), 1,000 MW minimum

(after humidity, durability exposure)

Dielectric Withstanding Voltage: 500V AC maximum

Contact Rating: 5A, 12V DC resistive.

Materials

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