



## DC POWER CONNECTORS: KPJX Series

Snap and Lock PCB Mount Receptacle

### Product Features

Laptop Computers, Power Supplies and Other Portable Digital Equipment Applications

Snap & Lock Feature Helps to Prevent Accidental Disconnects

3 or 4 Pins Transmit Power, or One Pin Can Be Used For Signal Transmission

For Signal and DC Power Applications

CSA/NRTL Certified File No. LR78160

UL File No. E140125

### Performance Specifications

#### Materials and Finish

**Shield:** Copper Alloy, Tin Plated

**Body:** PBT, UL 94V-0 Rated

**HT Body:** High Temperature Thermoplastic, UL 94V-0 Rated

### Electrical Characteristics

#### Contact Rating

**3 Position:** Pin 1 and 2, 48V DC at 7.5A Max.,  
Pin 3, 48V DC 1.0A Max.

**4 Position:** 48V DC 7.5A Max. For All Pins.

**Insulation Resistance:** 50 Megohms Min. at 250V DC

**Dielectric Withstanding Voltage:** 500V AC for 1 Minute

**Contact Resistance:** 30 milliohms Max.

### Mechanical Characteristics

**Durability:** 1000 Cycles

|                |                 |                  |                           |
|----------------|-----------------|------------------|---------------------------|
| 2D Drawing     | IGES            | STEP             | 3D PDF                    |
| Check Stock    | Solder Profile  | Request a Sample | Send Us An Email          |
| RoHS Compliant | REACH Compliant | UL Plastic       | Certificate of Compliance |

#### Generated Part Number

#### Part Number Builder

|                      |   |                      |                      |                      |
|----------------------|---|----------------------|----------------------|----------------------|
| <input type="text"/> | - | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Series               |   | No. of Contacts      | Contact Type         | Shield Option        |

#### Series

**KPJX** - Right Angle Receptacle

**KPJXHT** - High Temperature, Right Angle Receptacle

#### Number of Contacts

**3 Pin**

**4 Pin**

#### Contact Type

**S** - Socket

#### Shield Option

**Blank** - Non-Shielded

**S** - Shielded

**Mates with: KPPX Series Plugs**

Contact Kycon for Other Options

#### KPJX-3S Series

Dimensions in mm

