



## KLD-SMT Series Surface Mount Mini DC Power Jack

### Features



- 1.0mm and 1.3mm
- Built in DC On/Off Switch
- Screw Machine Contact Center Pin for High Current Capability
- Laptop and Palmtop Computers, Portable Modems, Radar Detectors, and Other Portable Device Applications
- High Temperature Material For Reflow Compatibility
- Packaged in Tape & Reel for Automated Assembly
- CSA/NRTL Certified File No. LR78160

### Performance Specifications

#### Materials and Finish

##### Plastic Housing:

LCP High Temperature Thermoplastic, UL94V-0 Rated, Black Color



**Center Pin:** Copper Alloy, Nickel Plated

**Contact #1:** Phosphor Bronze, Silver Plated

**Contact #2 and #3:** Brass, Silver Plated

### Electrical Characteristics

#### Contact Resistance

*Before Durability Test*

Between Terminals: 30 Milliohms Max.

Plug to Contacts: 50 Milliohms Max.

*After Durability Test*

Between Terminals: 60 Milliohms Max.

Plug to Contacts: 100 Milliohms Max.

**Rated Voltage:** 24V DC

**Rated Current:** 2.5 Amps

**Insulation Resistance:** 100 Megohms Min.

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

## DC POWER CONNECTORS

### KLD-SMT Series

### Mechanical Characteristics

**Durability Test:** 2500 Cycles

**Insertion Force:** 0.3kg - 2.0kg

**Extraction Force:** 0.3kg - 2.0kg

**Operating Temperature:** -25°C to +85°C

**Max Reflow Soldering Temperature**

230°C for 30 Seconds

260°C for 10 Seconds

Part Number	Inner Pin Diameter	Packaging
KLD-SMT-0201L-A	1.0mm	Bulk
KLD-SMT-0201L-A-TR	1.0mm	Tape & Reel
KLD-SMT-0201L-B	1.3mm	Bulk
KLD-SMT-0201L-B-TR	1.3mm	Tape & Reel

### KLD Series Dimensions

Dimensions in mm

#### KLD-SMT-0201L

