

## KLD Series PCB 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
- CSA/NRTL Certified File No. LR78160



### Materials and Finish

**Standard: Plastic Housing:** PBT Thermoplastic, UL 94V-0 Rated, Black Color

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

**Contact #1 and #3:** Brass, Tin Plated

**Contact #2:** Phosphor Bronze, Tin Plated

**HT Option: Plastic Housing:** PA66 High Temperature Thermoplastic, UL 94V-0 Rated, Black Color

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

**Contact #1 and #3:** Brass, Silver Plated

**Contact #2:** Phosphor Bronze, 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:** DC 24V, **Rated Current:** 2.5 Amps

**Insulation Resistance:** 100 Megohms Min.

### Mechanical Characteristics

**Durability Test:** 5000 Cycles

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

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

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

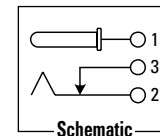
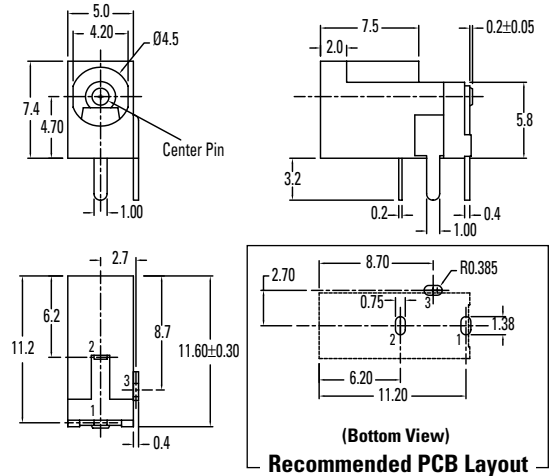
### Ordering Information

Part Number	Inner Pin Diameter	Body/Lead Style
KLD-0201-A/-AHT*	1.0mm±0.05	Closed, Straight Leads
KLD-0201-B/-BHT*	1.3mm±0.05	Closed, Straight Leads
KLD-0101-A	1.0mm±0.05	Open, Straight Leads
KLD-0101-B	1.3mm±0.05	Open, Straight Leads
KLD-0201-AC	1.0mm±0.05	Closed, Crimped Leads
KLD-0201-BC	1.3mm±0.05	Closed, Crimped Leads

\*High temperature option (HT) also available in Tape & Reel Packaging (-TR)

## KLD Series Dimensions

### KLD-0201-A, KLD-0201-B



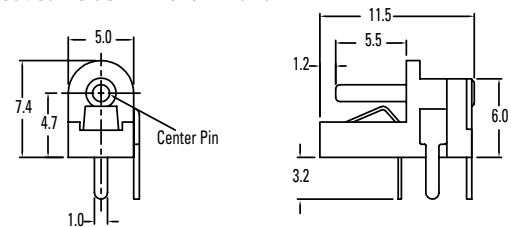
**Recommended PCB Layout**



**Available with Crimped Leads**  
**Please Contact Factory for PCB Layout**  
**(-AC & -BC Options)**

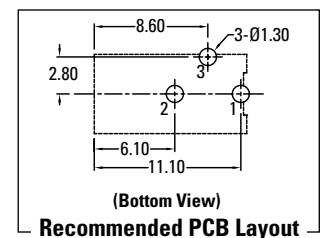
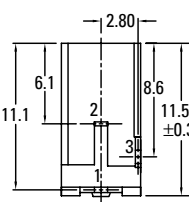
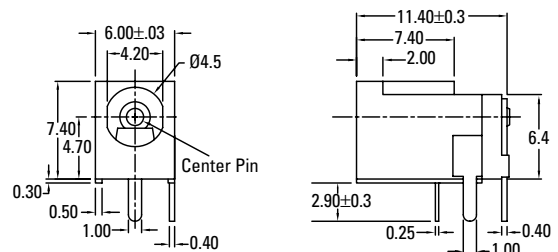
### KLD-0101-A, KLD-0101-B

PCB Layout same as KLD-0201-A and -B



### KLD-0201-AHT, KLD-0201-BHT

Max. Soldering Temp: 230°C for 30 sec.



Dimensions in mm