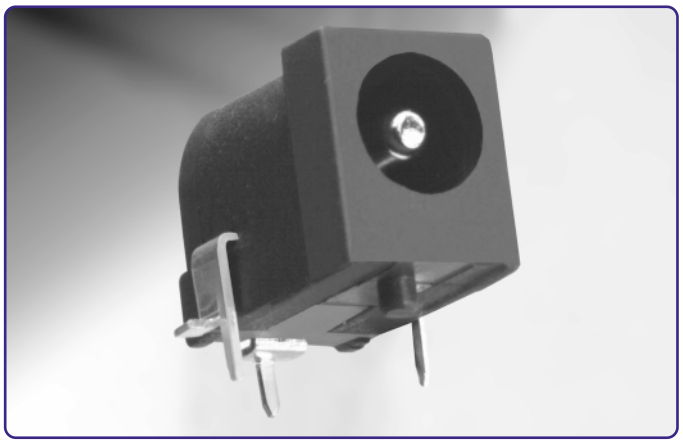


KLD-SMT Series Hybrid DC Power Jack

Features

- 2.0mm and 2.5mm
- Built in DC On/Off Switch
- Screw Machine Contact Center Pin for High Current Capability
- Laptop and Palm Computer, Portable Modems, Radar Detectors, and Other Portable Device Applications
- High Temperature Material For Reflow Compatibility
- Packaged in Tubes for Automated Assembly
- Optional Center Peg Available
- CSA/NRTL Certified File No. LR78160

Performance Specifications

Materials and Finish

Plastic Housing: Polyamide High Temperature Thermoplastic, UL 94V-0 Rated, Black Color
Center Pin: Brass, 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
3.5 Amps
Insulation Resistance
100 Megohms Min.
Dielectric Withstanding Voltage
500V AC for 1 Minute

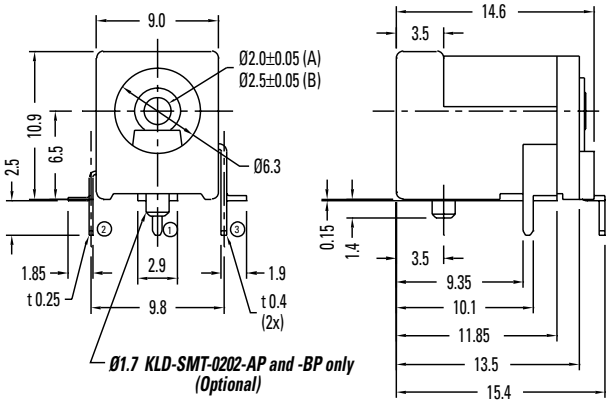
Mechanical Characteristics

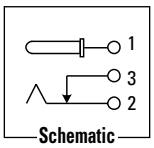
Durability Test: 5000 Cycles
Insertion Force: 0.3 kg - 2.0 kg
Extraction Force: 0.3 kg - 2.0 kg
Operating Temperature: -25°C to +85°C
Max Reflow Soldering Temperature:
230°C for 30 Seconds
260°C for 10 Seconds

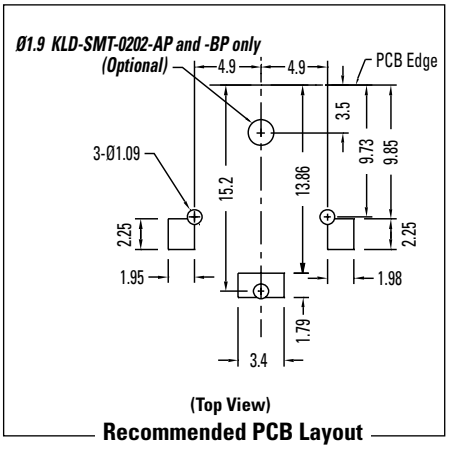
Ordering Information

Part Number	Inner Pin Diameter	Center Peg
KLD-SMT-0202-A	2.0mm±0.05	No
KLD-SMT-0202-AP	2.0mm±0.05	Yes
KLD-SMT-0202-B	2.5mm±0.05	No
KLD-SMT-0202-BP	2.5mm±0.05	Yes

KLD-SMT Series Dimensions







Dimensions in mm