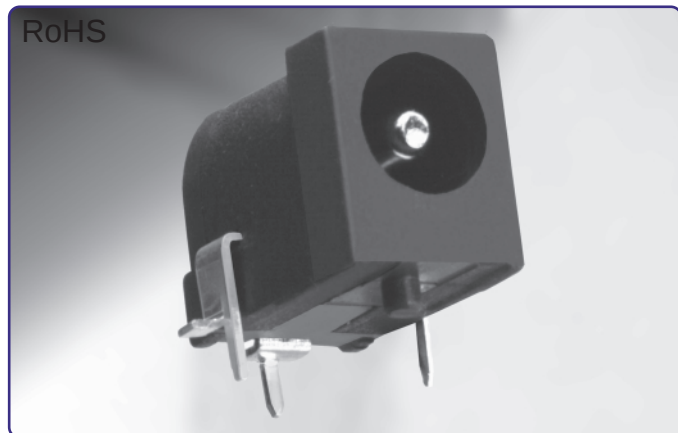




KLDX-SMT Series Hybrid DC Power Jack

Features

- 2.0mm and 2.5mm
- Built in DC On/Off Switch
- 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 : 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 : 24V DC

Rated Current : 3.5 Amps

Insulation Resistance : 100 Megohms Min. at 500V DC

Dielectric Withstanding Voltage : 500V AC RMS 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

DC POWER CONNECTORS

KLDX-SMT Series

Ordering Information

Series	Diameter	Center Peg Option	Packaging Option
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Series

KLDX-SMT-0202 - Hybrid DC Power Jack

Diameter

A - 2.0mm Center Pin Diameter

B - 2.5mm Center Pin Diameter

Center Peg Option

Blank - No Peg

P - With Peg

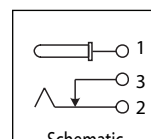
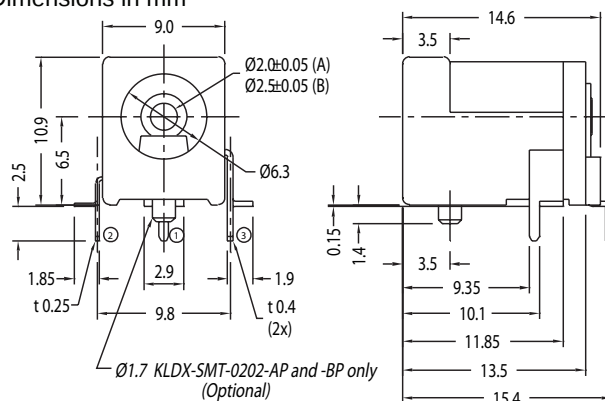
Packaging Option

Blank - Bulk

TR - Tape and Reel

KLDX-SMT Series Dimensions

Dimensions in mm



Schematic

