



## 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

#### Documentation & Ordering Information


Kycon Part #

#### Part Number Builder

Series	Diameter	Center Peg Option	Packaging Option
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

