



## DC POWER CONNECTORS: KLDX-SMT2 Series

### Surface Mount DC Power Jack

#### Product Features

- 2.0mm and 2.5mm.
- Built-In DC On/Off Switch
- Laptop and Palm Computers, Portable Modems, Radar Detectors, and Other Portable Device Applications
- Surface Mount
- CSA/NRTL Certified File No. LR78160

#### Performance Specifications

##### Materials and Finish

- Main Housing:** LCP, UL 94V-0 Rated, Black Color
- Back Cover:** PA9T, UL 94V-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:** 3.5A

**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:** 0.3kg - 2.0kg

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

**Operating Temperature:** -25°C to +65°C


Generated Part Number

**KLDX-SMT2-0202-ATR-1**

Part Number Builder

KLDX-SMT2-0202

Series

A

Diameter

TR

Packing Option

#### Series

KLDX-SMT2-0202 - Surface Mount DC Power Jack

#### Diameter

- - 2.0mm Center Pin Diameter
- - 2.5mm Center Pin Diameter

#### Packaging Option

TR - Tape and Reel

Contact Kycon for Other Options

#### KLDX-SMT2 Series

Dimensions in mm

