



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

| | | | |
|-----------------------|---------------------|----------------------|------------------|
| 2D Drawing | IGES | STEP | 3D PDF |
| Solder Profile | CofC RoHS Compliant | CofC REACH Compliant | UL Plastic File |
| Certificate of Origin | Check Stock | Request a Sample | Send Us An Email |

Generated Part Number

| | | | |
|--------|---|----------|----------------|
| Series | - | Diameter | Packing Option |
|--------|---|----------|----------------|

Series

KLDX-SMT2-0202 - Surface Mount DC Power Jack

Diameter

A - 2.0mm Center Pin Diameter

B - 2.5mm Center Pin Diameter

Packaging Option

TR - Tape and Reel

Contact Kycon for Other Options

KLDX-SMT2 Series

Dimensions in mm

