



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
 UL File No. E140125

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

Part Number Builder

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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

