



DC POWER CONNECTORS: KLDX-SMT Series

Surface Mount Mini DC Power Jack

Product Features

1.0mm and 1.3mm
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 Tape & Reel for Automated Assembly
CSA/NRTL Certified File No. LR78160
UL File No. E140125

Performance Specifications

Materials and Finish

Plastic Housing: High Temperature Thermoplastic, UL94V-0 Rated, Black Color

Center Pin: Copper Alloy, Nickel Plated

Contacts: Copper Alloy, 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: 3.0A

Insulation Resistance: 100 Megohms Min.

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 +85°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	Packaging Option

Series

KLDX-SMT-0201L - Surface Mount Mini DC Power Jack

Diameter

A - 1.0mm Center Pin Diameter

B - 1.3mm Center Pin Diameter

Packaging Option

TR - Tape and Reel

Contact Kycon for Other Options

KLDX-SMT-0201L

Dimensions in mm

