



DC POWER CONNECTORS: KLDX-SMT Series

Hybrid DC Power Jack

Product 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
- UL File No. E140125

Performance Specifications

Materials and Finish

Plastic Housing: 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: 3.5A

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 +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

	-			
Series		Diameter	Peg Option	Packaging Option

Series

KLDX-SMT-0202 - Hybrid Mount 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

Contact Kycon for Other Options

KLDX-SMT Series

Dimensions in mm

