



DC POWER CONNECTORS: KLDX Series

PCB 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
- CSA/NRTL Certified File No. LR78160
- UL File No. E140125

Performance Specifications

Materials and Finish

- Plastic Housing:** PBT, UL94V-0 Rated, Black Color
- Center Pin:** Copper Alloy, Nickel Plated
- Contact #1 and #3:** Brass, Tin Plated
- Contact #2:** Phosphor Bronze, Tin 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 - 2.5kg

Extraction Force: 0.3kg - 2.5kg

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

KLDX-0202 - PCB Mount DC Power Jack

Diameter

- A** - 2.0mm Center Pin Diameter
- B** - 2.5mm Center Pin Diameter

Lead Style

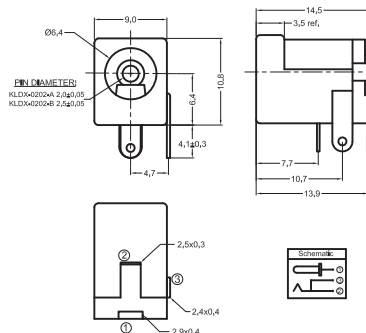
- Blank** - Standard Straight
- C** - Crimped

Contact Kycon For HT Reflow Compatible and Other Options

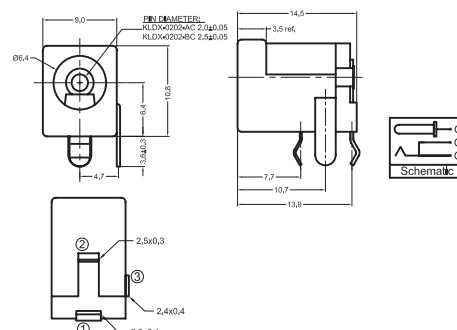
KLDX Series

Dimensions in mm

KLDX-0202-x



KLDX-0202-xC



*Also available - KLDX-HT Reflow Compatible
Contact factory for specifications. 888-KYCON-22

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Kycon:](#)

[KLDX-0202-AHT](#) [KLDX-0202-B](#) [KLDX-0202-BHT](#) [KLDX-0202-BC](#) [KLDX-0202-AC](#) [KLDX-0202-ACHT](#) [KLDX-0202-BCHT](#)