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# 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

## KLDX-0202-A

#### 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

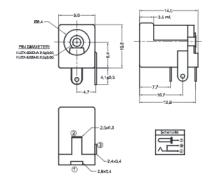
C - Crimped

Contact Kycon For HT Reflow Compatible and Other Options

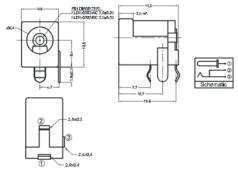
### **KLDX Series**

Dimensions in mm

### KLDX-0202-x



## KLDX-0202-xC



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