

E140125 LR78160

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-AC

Part Number Builder

KLDX-0202	–	A	C	
Series		Diameter	Lead Style	Option

Series
KLDX-0202 - PCB Mount DC Power Jack

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

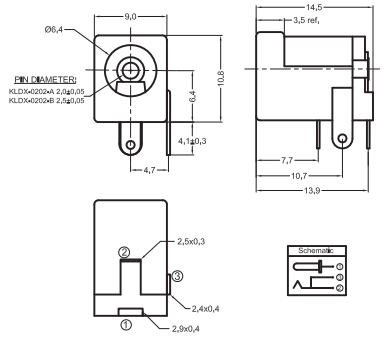
Lead Style
Blank - Standard Straight
C - Crimped

Option
Blank - Standard
HT - High Temp

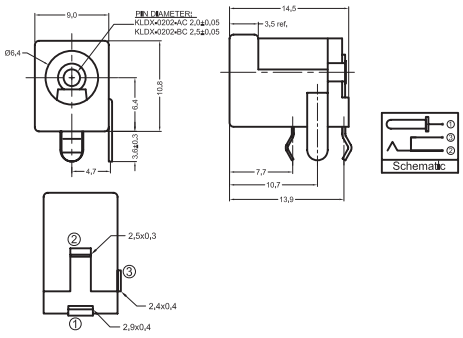
Contact Kycon For Other Options

KLDX Series
Dimensions in mm

KLDX-0202-x



KLDX-0202-xC



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