



**LEADERSHIP** in  
Connector Design

KYCON

RoHS



## KLDX Series PCB Mount DC Power Jack

### Features

- 2.0mm and 2.5mm
- Built in DC On/Off Switch
- Screw Machine Contact Center Pin for High Current Capability
- Laptop and Palm Computers, Portable Modems, Radar Detectors, and Other Portable Device Applications
- CSA/NRTL Certified File No. LR78160



### Performance Specifications

#### Materials and Finish

**Housing** : PBT, UL 94V-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** : DC 24V

**Rated Current** : 3.5 Amps

**Insulation Resistance** : 100 Megohms Min.

**Dielectric Withstanding Voltage**: 500V AC RMS for 1 Minute

### Mechanical Characteristics

**Durability Test** : 5000 Cycles

**Insertion Force** : 0.3kg - 2.5kg

**Extraction Force** : 0.3kg - 2.5kg

**Operating Temperature** : -25°C to +85°C

## DC POWER CONNECTORS

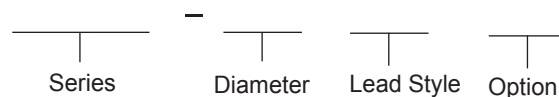
### KLDX Series

#### Documentation & Ordering Information

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#### Kycon Part #

#### Part Number Builder



#### Series

KLDX-0202 - PCB Mount DC Power Jack

#### Diameter

A - 2.0mm Inner Pin Diameter

B - 2.5mm Inner Pin Diameter

#### Lead Style

Blank - Standard Straight

C - Crimped

#### Option

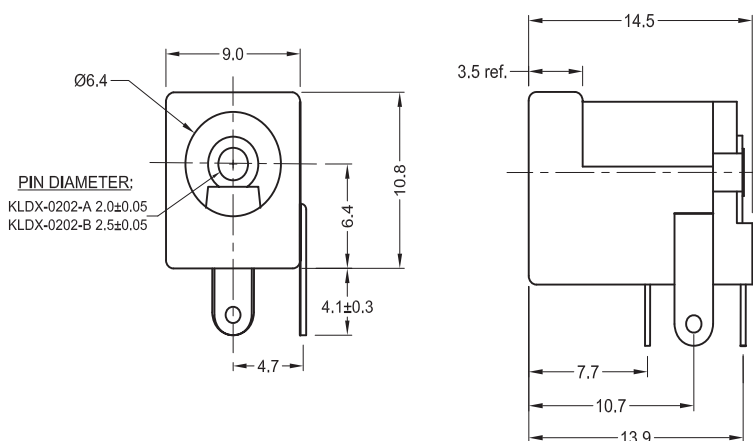
Blank - Standard

HT - High Temp

2P- 2 Pins ( available only as [KLDX-0202-A-2P](#) )

#### KLDX Series Dimensions

KLDX-0202-A, KLDX-0202-B



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