



## KLDVHCX Series

Locking Type High Current Vertical PCB Mount DC Power Jack

### Features

- 2.0mm and 2.5mm
- Built in DC On/Off Switch
- Locking Type
- Mounts Perpendicular to PCB
- Laptop and Palm Computers, Portable Modems, Radar Detectors, and Other Portable Device Applications

### Performance Specifications

#### Materials and Finish

**Body:** PBT, UL94V-0 Rated,  
Color Black

**Center Pin:** Brass, Nickel Plated

**Contact #1:** Brass, Matte Tin Plated

**Contact #2:** Copper Alloy, Matte Tin plated

**Contact #3:** Brass, Matte Tin Plated

### Electrical Characteristics

**Rated Current:** 5A

**Rated Voltage:** 24V DC

**Contact Resistance:** 30 milliohms Max.

**Insulation Resistance:** 50 Megohms Min.  
at 100 or 200V DC for 1 Minute

**Dielectric Withstanding Voltage:** 250V AC Min. for 1 Minute

### Mechanical Characteristics

**Durability Test:** 5000 Cycles

**Insertion Force:** 3.0kg Max. (per contact)

**Extraction Force:** 0.3kg Min. (per contact)

## DC POWER CONNECTORS

### KLDVHCX Series

#### Documentation & Ordering Information


Kycon Part #

#### Part Number Builder



#### Series

KLDVHCX-0202 - High Current Vertical DC Power Jack

#### Diameter

A - 2.0mm Center Pin Diameter

B - 2.5mm Center Pin Diameter

#### Type

LT - Locking Type

**Recommended to be used with Kycon locking plug (tuning fork design):**

**KLDX-PA-0202-A-LT, KLDX-PA-0202-B-LT**

**If used with non-locking plug, tuning fork design is required. See picture.**



### KLDVHCX Series Dimensions

KLDVHCX-0202-x-LT

