



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

