



KLDVX Series Vertical PCB Mount DC Power Jack

Features

- 2.0mm and 2.5mm
- Mounts Perpendicular to PCB
- Built in DC On/Off Switch
- Screw Machine Contact Center Pin for High Current Capability
- CSA/NRTL Certified File No. LR78160



Performance Specifications

Materials and Finish

Plastic Housing: High Temperature Material Thermoplastic, UL94V-0, Black Color

Center Pin : Brass, Nickel Plated

Contact #2 : Phosphor Bronze, Tin plated

Contact #1 and #3 : Brass, 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 : 3.5 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 - 2.0kg

Extraction Force : 0.3kg - 2.0kg

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

DC POWER CONNECTORS

KLDVX Series

Documentation & Ordering Information

Kycon Part

Part Number Builder



Series

KLDVX- 0202 - Vertical PCB Mount DC Power Jack

Diameter

A - 2.0mm Inner Pin Diameter

B - 2.5mm Inner Pin Diameter

KLDVX Series Dimensions

Dimensions in mm

