



DC POWER CONNECTORS: KLDVX-SMT Series

Vertical Surface Mount DC Power Jack

Product Features

- 2.0mm
- Mounts Perpendicular to PCB
- Built in DC On/Off Switch
- Packaged in Tape and Reel for Automated Assembly
- Guide Pegs for PCB Alignment
- CSA/NRTL Certified File No. LR78160
- UL File No. E140125

Performance Specifications

Materials and Finish

- Main Housing: High Temperature
- Bottom Cover: High Temperature
- UL94V-0 Rated, Color: Black

- Center Pin:** Copper Alloy, Nickel Plated
- Contact #1:** Copper Alloy, Silver Plated
- Contact #2:** Copper Alloy, Silver Plated
- Contact #3:** Copper Alloy, Silver Plated

Electrical Characteristics

- Rated Voltage:** 16V DC
- Rated Current:** 3.5 Amps
- Contact Resistance**
- 30 milliohms Max. (initial)
- 50 milliohms Max. (Final)
- Insulation Resistance:**
- 100 Megohms Min. at 500V DC
- Dielectric Withstanding Voltage:**
- 500V AC for 1 Minute

Mechanical Characteristics

- Durability Test:** 5000 Cycles
- Insertion Force:** 0.2kg - 3.0kg
- Extraction Force:** 0.2kg - 3.0kg
- 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

Part Number Builder

| | | | | |
|----------------------|---|----------------------|----------------------|----------------------|
| <input type="text"/> | - | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Series | | Diameter | Pegs Option | Packaging Option |

Series

KLDVX-SMT-02 - Vertical Surface Mount DC Power Jack

Diameter

A - 2.0mm Center Pin Diameter

Pegs

GP - Guide Pegs

Packaging Option

TR - Tape and Reel

Contact Kycon For Other Options

KLDVX-SMT Series

Dimensions in mm

KLDVX-SMT-02-A-GP-TR

