



## 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

