

RoHS

## KLDVX-SMT Series Vertical Surface Mount DC Power Jack

### Features



- 2.0mm and 2.5mm
- Mounts Perpendicular to PCB
- Built in DC On/Off Switch
- CSA/NRTL Certified File No. LR78160
- Packaged in Tape & Reel for Automated Assembly

### Performance Specifications Materials and Finish

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

**Center Pin:** Copper Alloy, Nickel Plated

**Contact #2:** Phosphor Bronze, Silver Plated

**Contact #1 and #3:** Brass, Silver 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 :** 16V DC

**Rated Current :** 3.5 Amps

**Insulation Resistance :** 100 Megohms Min. at 500V DC

**Dielectric Withstanding Voltage :** 500V AC RMS for 1 Minute

### Mechanical Characteristics

**Durability Test :** 5000 Cycles

**Insertion Force :** 0.3kg - 3.0kg

**Extraction Force :** 0.3kg - 3.0kg

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

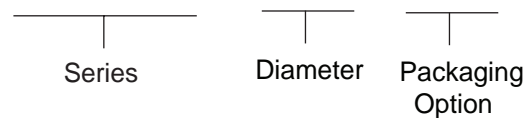
## DC POWER CONNECTORS

### KLDVX-SMT Series

#### Documentation & Ordering Information


Kycon Part #

#### Part Number Builder



Series

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

Diameter

A - 2.0mm Center Pin Diameter

B - 2.5mm Center Pin Diameter

Packaging Option

TR - Tape and Reel

#### KLDVX-SMT Series Dimensions

Dimensions in mm

##### KLDVX-SMT-02-A

