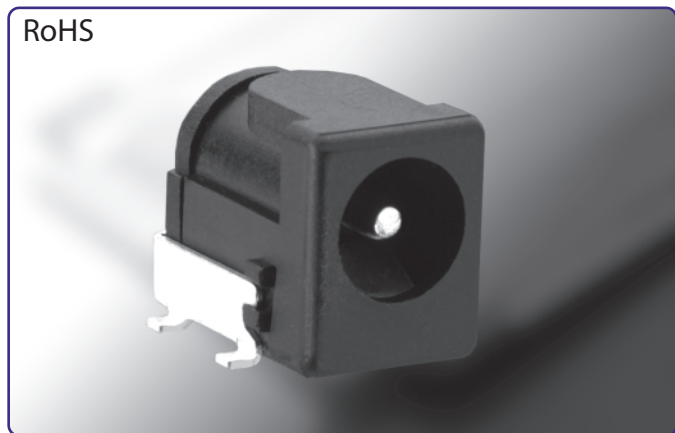


RoHS



## KLDX-SMT2 Series Surface Mount DC Power Jack

### Features

- 2.0mm and 2.5mm
- Built in DC On/Off Switch
- Screw Machine Contact Center Pin for High Current Capability
- Laptop and Palm Computers, Portable Modems, Radar Detectors, and Other Portable Device Applications
- Surface Mount
- CSA/NRTL Certified File No. LR78160



### Performance Specifications

#### Materials and Finish

**Plastic Housing** : High Temperature Thermoplastic,  
UL 94V-0 Rated, Black Color

**Center Pin** : Brass, Nickel Plated

**Contact #1** : Phosphor Bronze, Silver Plated

**Contact #2 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** : DC 24V

**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

### KLDX-SMT2 Series

#### Documentation & Ordering Information

|  |  |  |
|--|--|--|
|  |  |  |
|  |  |  |

#### Kycon Part #

#### Part Number Builder



#### Series

KLDX-SMT2-0202 - Surface Mount DC Power Jack

#### Diameter

A - 2.0mm Inner Pin Diameter

B - 2.5mm Inner Pin Diameter

#### Packaging Option

Blank - Bulk

TR - Tape and Reel

#### KLDX-SMT2 Series Dimensions

Dimensions in mm

