



## DC POWER CONNECTORS: KLDX-SMT2 Series

### Surface Mount DC Power Jack

#### Product Features

2.0mm and 2.5mm.  
Built-In DC On/Off Switch  
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

**Main Housing:** LCP, UL 94V-0 Rated, Black Color  
**Back Cover:** PA9T, UL 94V-0 Rated, Black Color  
**Center Pin:** Copper Alloy, 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:** 24V DC

**Rated Current:** 3.5A

**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 - 2.0kg

**Extraction Force:** 0.3kg - 2.0kg

**Operating Temperature:** -25°C to +65°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"/>
Series		Diameter	Packing Option

#### Series

**KLDX-SMT2-0202** - Surface Mount DC Power Jack

#### Diameter

**A** - 2.0mm Center Pin Diameter

**B** - 2.5mm Center Pin Diameter

#### Packaging Option

**TR** - Tape and Reel

Contact Kycon for Other Options

#### KLDX-SMT2 Series

Dimensions in mm

