



## DC POWER CONNECTORS: KLDX-SMT3 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  
UL File No. E140125

#### Performance Specifications

##### Materials and Finish

**Housing:** High Temperature Thermoplastic, UL 94V-0 Rated, Black Color  
**Center Pin:** Copper Alloy, Nickel Plated  
**Contact #1:** Brass, Silver Plated  
**Contact #2:** Phosphor Bronze, Silver Plated  
**Contact #3:** Brass, Silver Plated

#### Electrical Characteristics

**Rated Current:** 3.5A  
**Rated Voltage:** 24V DC  
**Insulation Resistance:** 50 Megohms Min. at 500V DC  
**Contact Resistance:** 30 milliohms Max.

#### Mechanical Characteristics

**Insertion Force:** 0.3kg - 2.0kg  
**Withdrawl Force:** 0.3kg - 2.0kg  
**Durability:** 5000 Mating Cycles Min.  
**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"/> |
| Series               |   | Diameter             | Packing Option       |

#### Series

**KLDX-SMT3-0202** - 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-SMT3 Series

Dimensions in mm

