

KLDX-SMT3 Series Surface Mount DC Power Jack

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

Performance Specifications

Materials and Finish

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

Contact Materials 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: 3.5 Amps 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 WithdrawalForce: 0.3kg - 2.0kg Durability: 5000 Mating Cycles Min. Operating Temperature: -25°C to +85°C

DC POWER CONNECTORS

KLDX-SMT3 Series

Documentation & Ordering Information

Kycon Part #

Part Number Builder



Series

KLDX-SMT3-0202 - Surface Mount DC Power Jack

Diameter

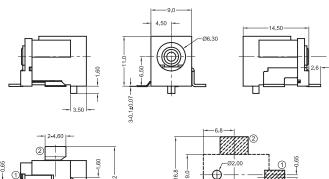
- A 2.0mm Center Pin Diameter
- B 2.5mm Center Pin Diameter

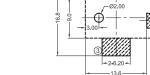
Packaging Option

TR - Tape and Reel

KLDX-SMT3 Series Dimensions

Dimensions in mm





Recommended PCB Layout (Top View)



-2-6.8



2012