



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

Performance Specifications

Materials and Finish

Plastic Housing : High Temperature Thermoplastic, 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 : 3.5 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 - 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 Center Pin Diameter

B - 2.5mm Center Pin Diameter

Packaging Option

TR - Tape and Reel

KLDX-SMT2 Series Dimensions

Dimensions in mm

