



**DC POWER CONNECTORS: KLDX-SMT Series**  
Hybrid DC Power Jack

**Product Features**

- 2.0mm and 2.5mm
- Built-In DC On/Off Switch
- Laptop and Palm Computer, Portable Modems, Radar Detectors, and Other Portable Device Applications
- High Temperature Material For Reflow Compatibility
- Packaged in Tubes for Automated Assembly
- Optional Center Peg Available
- CSA/NRTL Certified File No. LR78160
- UL File No. E140125

**Performance Specifications**

**Materials and Finish**

- Plastic Housing:** High Temperature Thermoplastic, UL 94V-0 Rated, Black Color
- Center Pin:** Copper Alloy, Nickel Plated
- Contact #1: and #3:** Brass, Silver Plated
- Contact #2:** Phosphor Bronze, 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 +85°C


Generated Part Number

**KLDX-SMT-0202-AP**

Part Number Builder

KLDX-SMT-0202	-	A	P	
Series		Diameter	Peg Option	Packaging Option

**Series**

KLDX-SMT-0202 - Hybrid Mount DC Power Jack

**Diameter**

- 2.0mm Center Pin Diameter
- 2.5mm Center Pin Diameter

**Center Peg Option**

- No Peg
- With Peg

**Packaging Option**

- Bulk
- TR - Tape and Reel

Contact Kycon for Other Options

**KLDX-SMT Series**

Dimensions in mm

