

Recommended PCB Layout  
(Bottom View)

Part Number	Center Post Diameter
KLD-0101-A	Ø1.00±0.05
KLD-0101-B	Ø1.30±0.05

**Materials and Finish**

Plastic Housing: PBT Thermoplastic,  
UL94V-0 Rated, Black Color

Center Pin: copper alloy, nickel plated

Pin #2: phosphor bronze, tin plated

Pins #1, 3: brass, tin plated

**Electrical Properties**

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: DC 24V

Rated Current: 2.5 Amps

Insulation Resistance of Adjacent Open Terminals:  
100 megohm min.

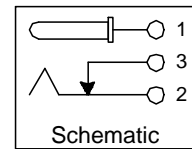
**Mechanical Characteristics**

Durability Test: 5000 Cycles Min.

Insertion Force: 0.3 Kg - 2.0 Kg

Extraction Force: 0.3 Kg - 2.0 Kg

Operating Temperature: -25°C to 70°C



Schematic



Tolerances
X.X ± 0.3
X.XX ± 0.2
Unless Stated Otherwise

REVISION	DATE	DESCRIPTION	DRAWN BY	REV CHECK BY	UNITS
A4	7/18/02	Ref ECD 01-157	C. Leiva	C. Leiva	mm
A5	9/25/02	Ref ECD 02-115	REVISED BY	REV CHECK DATE	DATE
A6	11/25/03	Ref ECD 03-026	H. MA	12/12/03	6/27/00

KLD-0101-A  
KLD-0101-B

Open Body Mini DC Power Jack  
1.0 or 1.3mm Center Pin

