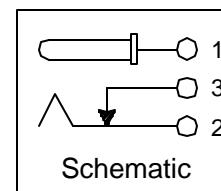


PCB Layout
(Top View)



Schematic

Material and Finish

Body: polyamide high temp. thermoplastic, UL94V-0, Color: Black
Center Pin: Brass, Nickel Plated
Contact #1: Brass, Silver Plated
Contact #2: Phosphor Bronze, Silver Plated
Contact #3: Brass, Silver Plated

Electrical Characteristics

Contact Resistance
Before Test
Between Terminals: 30 milliohms Max.
Plug to Contacts: 50 milliohms Max.

After Test:
Between Terminals: 60 milliohms Max.
Plug to Contacts: 100 milliohms Max.

Rated Voltage: 24V DC

Rated Current: 3.5A,
5A at 20V Max.

Insulation Resistance: 100 Megohms Min.

Mechanical Characteristics

Durability Test: 5000 cycles

Insertion Force: 0.3kg-2.0kg

Extraction Force: 0.3kg-2.0kg

Operating Temp: -25°C to +70°C

Max Soldering Temp: 230°C for 30 seconds
260°C Max.

Tolerances	
X.X ± 0.25	
X.XX ± 0.15	
Unless Stated	
Otherwise	



REVISION	DATE	DESCRIPTION	DRAWN BY	REV CHECK BY	UNITS
A4	4/8/03	ECO #02-128	J. Kring	C. Leiva	mm
B1	12/11/03	ECO #03-061	REVISED BY	CHECK DATE	DATE
B2	9/30/04	ECO #04-053	H. MA	10/4/04	

KLD-0202-BHT

DC Power Jack, Ø2.5mm Pln

High Temp Plastic for Reflow Compatibility



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