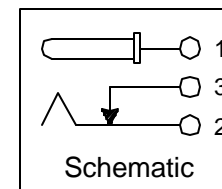


PCB Layout
(Top View)



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	KLD-0202-BHT	DC Power Jack, Ø2.5mm Pin	
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			High Temp Plastic for Reflow Compatibility	

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