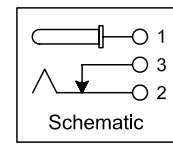


Recommended PCB Layout (Bottom View)



Material and Finish

Body: polyamide high temp. thermoplastic, UL94V-0, Color: Black
 Center Pin: Copper Alloy, Nickel Plated
 Contact: Copper Alloy, 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
 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 +85°C

Part Number	Center Post Diameter
KLDX-0202-AHT	Ø2.00±0.05
KLDX-0202-BHT	Ø2.50±0.05

RoHS COMPLIANT
 EU Directive 2002/95/EC

Tolerances
 X.X ± 0.3
 X.XX ± 0.15
 Unless Stated
 Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	7/28/05	New Drawing	H. MA	C. Furumasa	H. MA	7/13/05
A2	02/21/07	ECO 07-008	R. Aguirre	H. MA		
A3	07/24/09	ECO #09-059	S. Vlen	H. MA		
A4	03/22/10	ECO #10-019	S. Vlen	H. MA		

KLDX-0202-xHT

DC Power Jack, Ø 2.0-2.5mm Pin, RoHS Compliant
 High Temp Plastic for Reflow Compatibility

