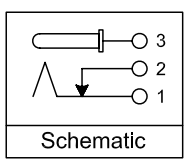


Recommended PCB Layout
(Component Side)



Part Number	Center Post Diameter	Packaging
KLDX-SMT2-0202-ATR	Ø2.00	Tape & Reel (TR option)
KLDX-SMT2-0202-BTR	Ø2.50	

Material and Finish

Body: High Temp Thermoplastic
UL94V-0, Color: Black
Contact #1: Phosphor Bronze, Silver Plated
Contact #2: Brass, Silver Plated
Contact #3: Brass, Silver Plated
Center Pin: Copper Alloy, Nickel 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 Current: 3.5 amps at 24V DC

Insulation Resistance: 100 Megohms Min.
at 500 VDC

Dielectric Withstanding Voltage Test:
500V AC RMS for 1 minute

Mechanical Characteristics

Durability Test: 5000 cycles min.

Insertion Force: 0.3kg-2.0kg before test
0.2kg-2.0kg after test

Extraction Force: 0.3kg-3.0kg before test
0.2kg-2.0kg after test

Operating Temp: -25°C to +85°C

RoHS COMPLIANT
EU Directive 2002/95/EC

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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	3/23/05	Release Drawing	H. MA	N/A	H. MA	2/1/05
A2	10/11/05	ECO#05-052	H. MA	C. Furumasa		
A3	11/13/09	ECO #09-078	S. Vien	H. MA		
A4	08/20/10	ECO #10-058	S. Vien	H. MA		
A5	10/08/10	ECO #10-071	S. Vien	H. MA		
A6	02/03/11	ECO #11-013	S. Vien	H. MA		

KLDX-SMT2-0202-x

DC Power Jack, SMT

RoHS Compliant

