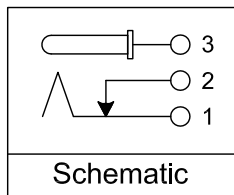


Recommended PCB Layout
(Component Side)



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

Insulator: High Temp. Material
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 +65°C



Tolerances
X.X ± 0.35
X.XX ± 0.25
Unless Stated
Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A6	02/03/11	ECO #11-013	S. Vien	H. MA	H. MA	2/1/05
B1	05/10/12	ECO #12-021	S. Vien	P. DalCanto		
B2	01/16/13	ECO #12-063	S. Vien	P. DalCanto	UNITS	mm
B3	06/20/13	ECO #13-041	W. Cook	P. DalCanto		
B4	08/05/13	ECO #13-055	W. Cook	P. DalCanto		
B5	02/06/17	ECO #16-031	H. MA	W. Cook		

KLDX-SMT2-0202-x

DC Power Jack, SMT

RoHS Compliant

