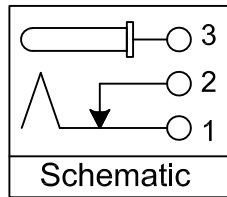


Recommended PCB Layout
(Top View)



Part Number	Center Post Diameter	Packaging
KLDX-SMT-0201L-ATR	Ø1.00	Tape & Reel (TR option)
KLDX-SMT-0201L-BTR	Ø1.30	

Material and Finish

Body: High Temp Thermoplastic
UL94V-0, Color: Black
Center Pin: Copper Alloy, Nickel Plated
Contact: Copper Alloy, Silver Plated

Electrical Characteristics

Rated Voltage: 24V DC
Rated Current: 3.0 amps

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.

Insulation Resistance: 100 Megohms Min.

Dielectric Withstanding Voltage :
500V AC RMS for 1 minute

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

Recommended Plug Dimensions

Outer Dimension OD: 3.5mm

Inner Diameter ID:

KLDX-SMT-0201L-A: 1.10mm

KLDX-SMT-0201L-B: 1.35mm

Tolerances

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



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	7/21/05	New Drawing	H. MA	C. Furumasu	H. MA	7/21/05
A2	07/08/10	ECO #10-050	S. Vien	H. MA		
A3	12/14/10	ECO #10-093	S. Vien	H. MA		
A4	02/04/11	Add Dielectric Voltage	S. Vien	H. MA	UNITS	mm
A5	06/20/13	ECO #13-041	W. Cook	P. DalCanto		
A6	08/03/18	Address Update	G. Serrato	D. Shehan		

KLDX-SMT-0201L-X

Mini DC Power Jack

SMT, RoHS Compliant

