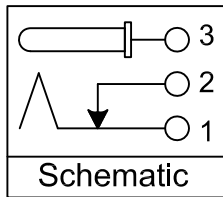


Recommended PCB Layout
(Top View)



| 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 | | |
| A2 | 07/08/10 | ECO #10-050 | S. Vien | H. MA | H. MA | 7/21/05 |
| A3 | 12/14/10 | ECO #10-093 | S. Vien | H. MA | | |
| A4 | 02/04/11 | Add Dielectric Voltage | S. Vien | H. MA | | |
| A5 | 06/20/13 | ECO #13-041 | W. Cook | P. DalCanto | | |

KLDX-SMT-0201L-x

Mini DC Power Jack

SMT, RoHS Compliant

