



PCB LAYOUT
Recommended
(Bottom View)

PCB LAYOUT
Alternate
(Bottom View)

Material and Finish

Body: PBT UL 94V-0 Rated
Black Color
Center Pin: Copper Alloy, Nickel Plated
Pins 1 and 3: Brass, Tin Plated
Pin 2: Phosphor Bronze, Tin Plated
Insulator Material Color: Black

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 Voltage: 24V DC
Rated Current: 2.5 amps
Insulation Resistance: 100 Megohms Min.
at 500V DC

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 Pin Diameter |
|-------------|---------------------|
| KLD-0201-AC | Ø1.00±0.05 |
| KLD-0201-BC | Ø1.30±0.05 |

| Tolerances |
|----------------------------|
| X.X ± 0.30 |
| X.XX ± 0.15 |
| Unless Stated Otherwise |

CSA NRTL/C Certified File No. LR78160

| REVISION | DATE | DESCRIPTION | DRAWN BY | REV CHECK BY | UNITS |
|----------|---------|----------------|------------|----------------|---------|
| B6 | 8/16/02 | REF ECD 02-099 | C. Leiva | C. Furumasa | mm |
| B7 | 1/11/05 | ECD#04-073 | REVISED BY | REV CHECK DATE | DATE |
| B8 | 5/17/05 | ECD#05-021 | H. MA | 5/16/05 | 5/19/97 |

KLD-0201-xC
x = center post dia. option

Mini DC Power Jack
1.3mm pin, Crimped Leads

