

Recommended PCB Layout
(Top View)

Material and Finish

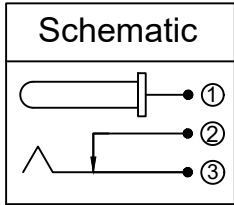
Housing: High Temperature Thermoplastic, UL 94V-0 Rated, Black Color
 Contact Materials:
 Center Pin: Copper Alloy, Nickel Plated
 Contact #1: Brass, Matte Tin Plated
 Contact #2: Brass, Matte Tin Plated
 Contact #3: Phosphor Bronze, Matte Tin Plated

Electrical Characteristics

Rated Current: 2.5A
 Rated Voltage: 24V DC
 Insulation Resistance: 100 Megohms Min. at 500V DC
 Contact Resistance:
 Initial:
 Center Contact: 30 milliohms Max.
 Barrel Contact: 50 milliohms Max.
 After Durability Test:
 Center Contact: 60 milliohms Max.
 Barrel Contact: 100 milliohms Max.

Mechanical Characteristics

Insertion Force: 0.3kg - 3kg
 Withdrawal Force: 0.3kg - 3kg
 Durability: 5000 Mating Cycles Min.
 Operating Temperature: -25°C to +85°C



Part Number	Center Post Diameter
KLDX-0201-AHT-1	Ø1.0±0.05
KLDX-0201-BHT-1	Ø1.3±0.05

Tolerances
X.X ± 0.3
X.XX ± 0.15
Unless Stated Otherwise

RoHS COMPLIANT

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	08/25/15	New Drawing	W. Cook	H. MA	W. Cook	08/20/15
A1	09/17/15	Pin Outs, Spec Details	C. Kelleher	C. Furumasa		
A2	12/18/15	Release Drawing	C. Kelleher	N/A	UNITS	mm
A3	04/29/22	ECO #22-007	C. Kelleher	N/A		

KLDX-0201-xHT-1

Mini DC Power Jack, Matte Tin Leads
 High Temp, RoHS Compliant

