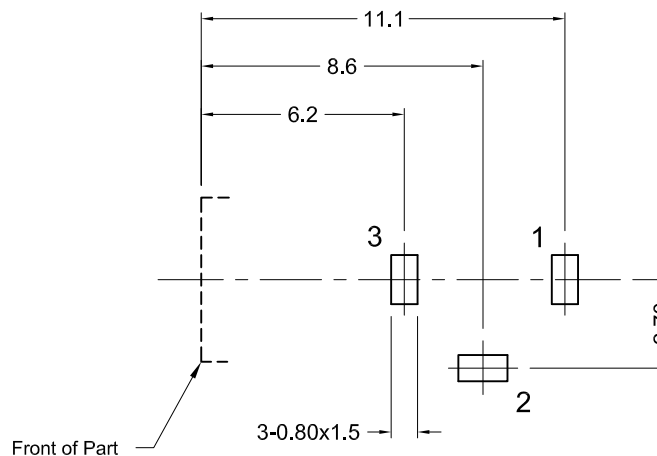
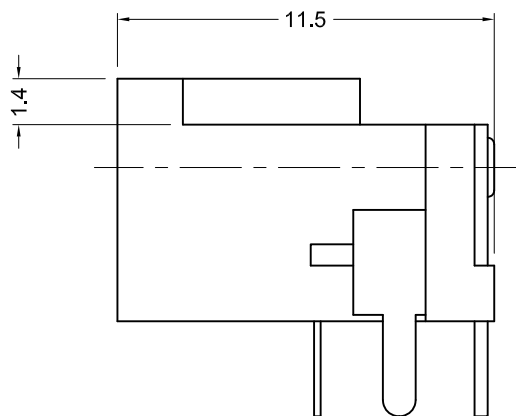
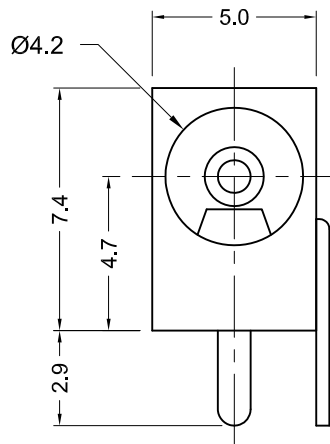




Recommended PCB Layout

(Top View)

Material and Finish

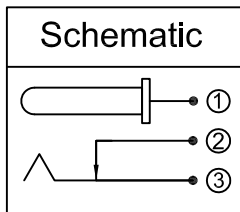
Housing: High Temperature Thermoplastic, UL 94V-0 Rated, Black Color
Contact Materials:
Center Pin: Copper Alloy, Nickel Plated
Contact #1: Brass, Matte Tin Plated
Contact #2: Brass, Matte Tin Plated
Contact #3: Phosphor Bronze, Matte Tin Plated

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

RoHS COMPLIANT



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	08/25/15	New Drawing	W. Cook	H. MA		
A1	09/17/15	Pin Outs, Spec Details	C. Kelleher	C. Furumasu	W. Cook	08/20/15
A2	12/18/15	Release Drawing	C. Kelleher	N/A		

KLDX-0201-xHT-1

Mini DC Power Jack, Matte Tin Leads

High Temp, RoHS Compliant

