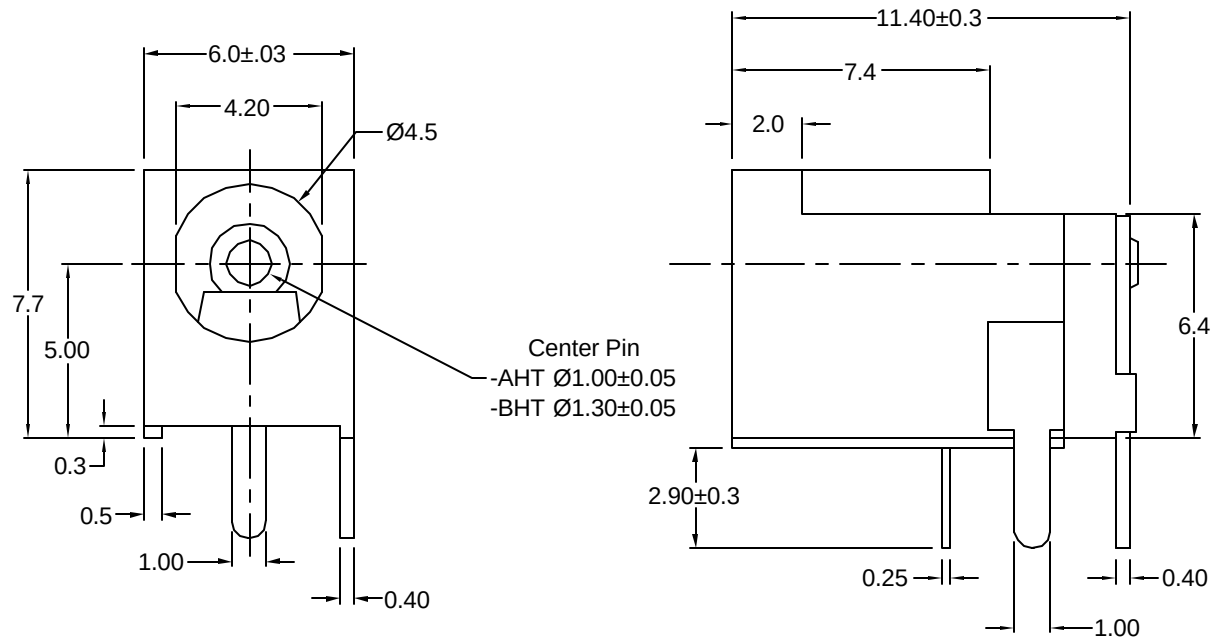




Material and Finish

Body: High Temp. Material,
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

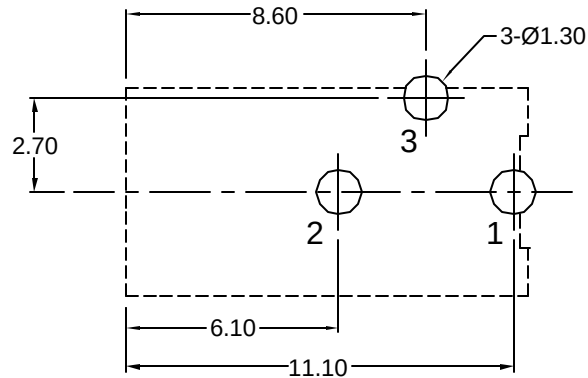
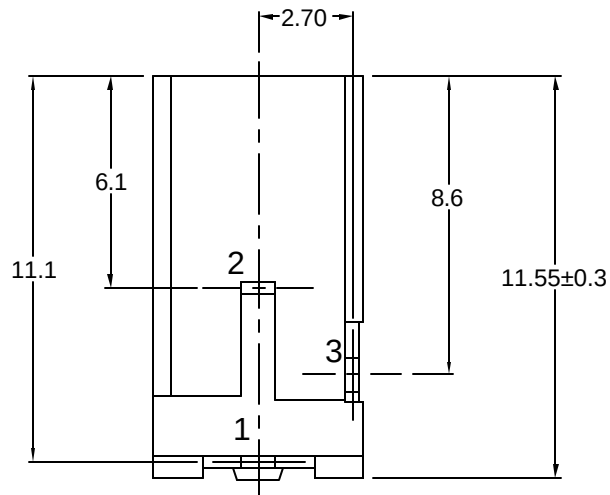
Mechanical Characteristics

Durability Test: 5000 cycles

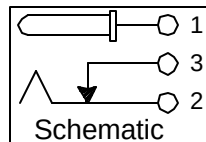
Insertion Force: 0.3kg-2.0kg

Extraction Force: 0.3kg-2.0kg

Operating Temp: -25°C to +85°C



Recommended PCB Layout
(Bottom View)



RoHS COMPLIANT
EU Directive 2002/95/EC

Ordering Information

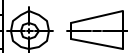
Part Number	Center Post Dia.	Packaging
KLDX-0201-AHT	1.00±0.05	Bulk (standard)
KLDX-0201-AHT-TR	1.00±0.05	Tape and Reel
KLDX-0201-BHT	1.30±0.05	Bulk (standard)
KLDX-0201-BHT-TR	1.30±0.05	Tape and Reel

Tolerances

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



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	7/18/05	New Drawing	H. MA	C. Furumasa	H. MA	7/18/05
A2	5/19/06	ECO#06-035	H. MA	C. Furumasa		



UNITS
mm

KLDX-0201-xHT

High Temperature DC Power Jack, RoHS Compliant

Reflow Process Compatible

