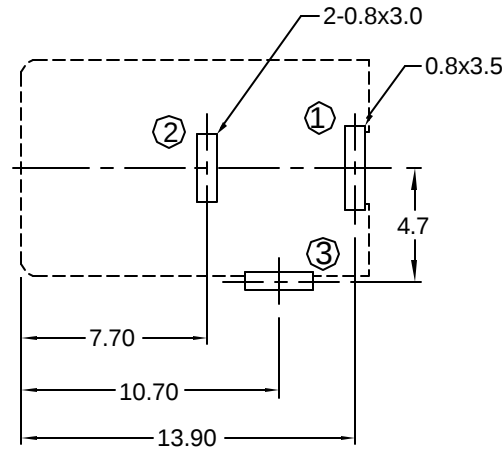
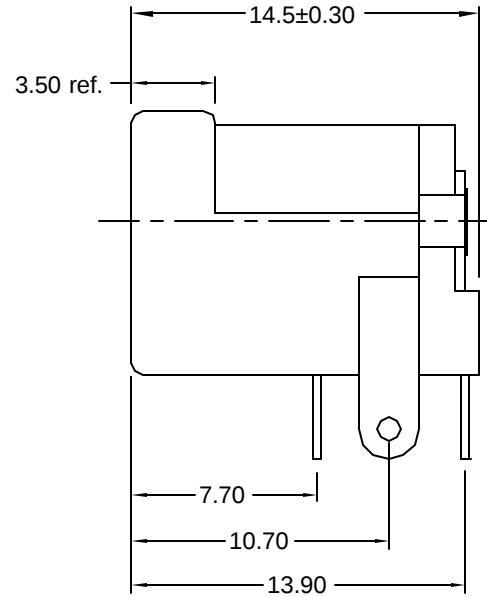
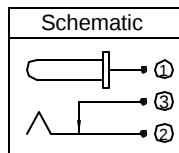
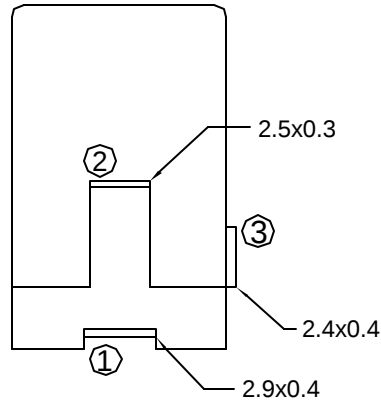
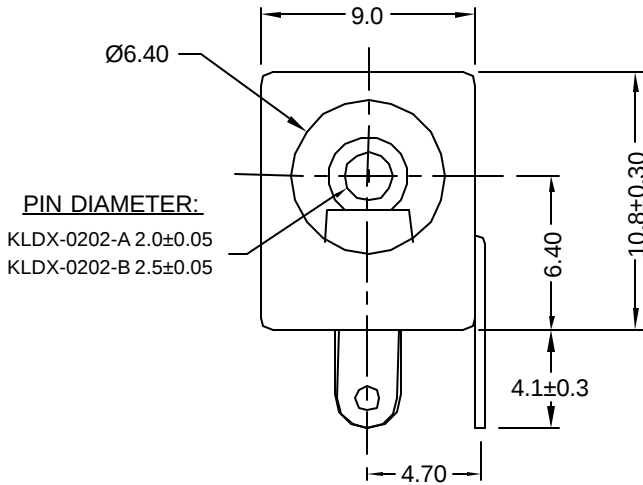




PCB Layout
(Top View)

Part Number	Center Post Diameter
KLDX-0202-A	Ø2.0±0.05
KLDX-0202-B	Ø2.5±0.05

Material and Finish

Body: High Temp Material
UL94V-0, Color: Black

Center Pin: Copper Alloy, Nickel Plated

Contact #1: Brass, Tin Plated

Contact #2: Phosphor Bronze, Tin Plated

Contact #3: Brass, Tin Plated

Electrical Characteristics

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.

Rated Voltage: 24V DC

Rated Current: 3.5A,
5A at 20V Max.

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

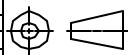
Operating Temp: -25°C to +85°C

RoHS COMPLIANT
EU Directive 2002/95/EC



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	6/2/05	New Drawing	H. MA	C. Furumasa	H. MA	5/31/05
B1	01/31/06	ECO# 05-069	R. Aguirre	H. MA		
C1	11/13/06	ECO# 06-058	H. MA	C. Furumasa		
C2	01/15/07	ECO# 07-002	R. Aguirre	H. MA		



KLDX-0202-X

Thru-hole DC power Jack

for 2.0 and 2.5 mm plugs, RoHS Compliant

