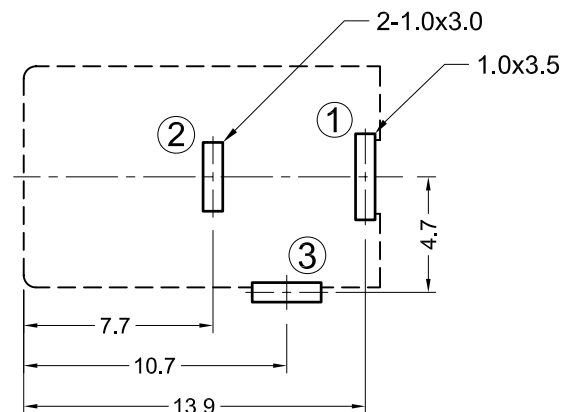
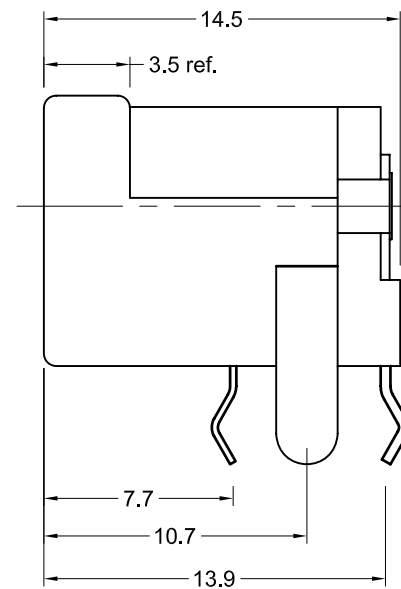
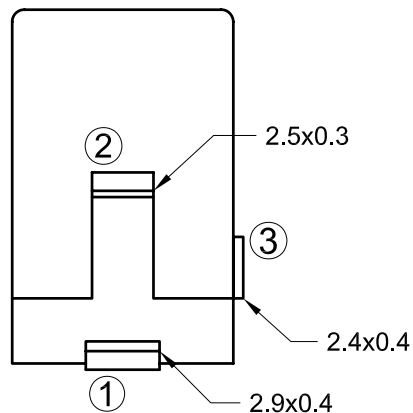
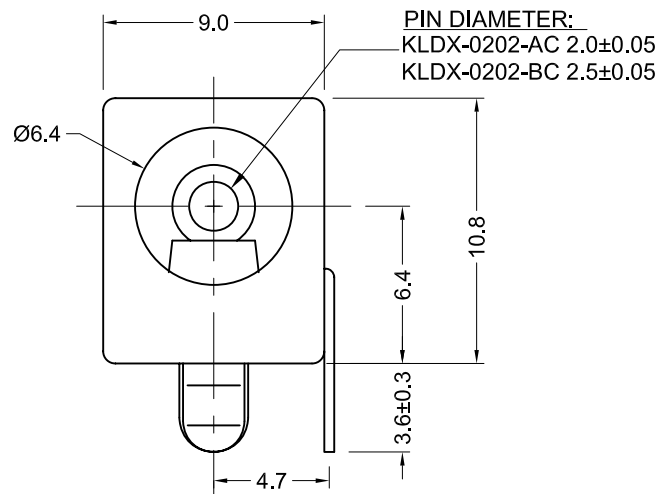


Recommended PCB Layout
(Top View)**Material and Finish**

Body: PBT Thermoplastic
 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

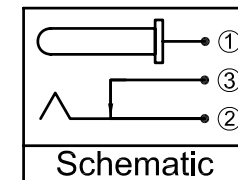
Mechanical Characteristics

Durability Test: 5000 cycles

Insertion Force: 0.3kg-2.5kg

Extraction Force: 0.3kg-2.5kg

Operating Temp: -25°C to +85°C



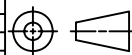
Part Number	Center Post Diameter
KLDX-0202-AC	Ø2.0±0.05
KLDX-0202-BC	Ø2.5±0.05

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
A0	2/15/05	New Drawing	H. MA	C. Furumasu	H. MA	2/7/05
B1	01/31/06	ECO 05-069	R. Aguirre	H. MA		
C1	11/15/06	ECO 06-058	H. MA	C. Furumasu		
C2	01/15/07	ECO 06-058	R. Aguirre	H. MA		
C3	05/22/07	ECO 07-016	A. Frederick	H. MA		



KLDX-0202-xC

DC Power Jack, 2.0 and 2.5mm Center Pins

Thru Hole, RoHS Compliant

