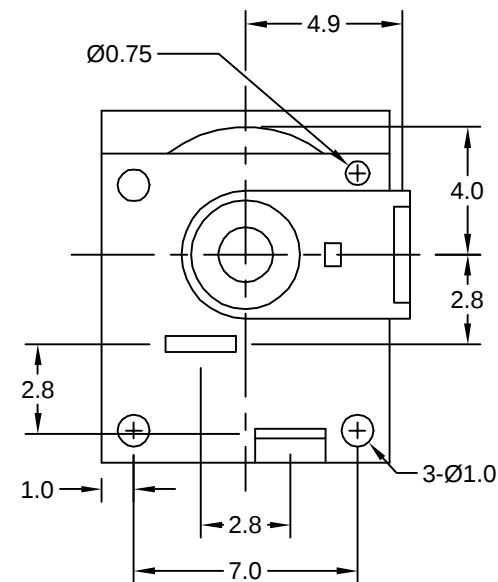
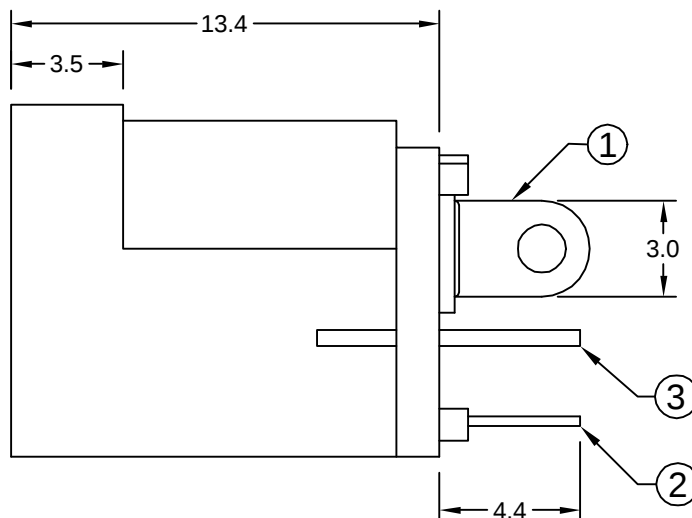
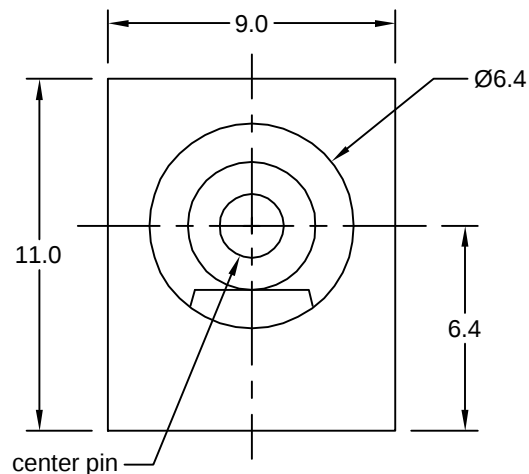
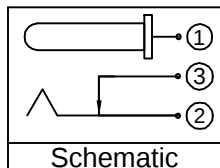
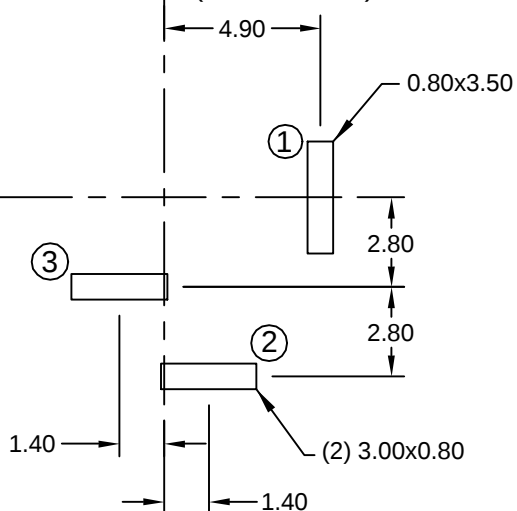


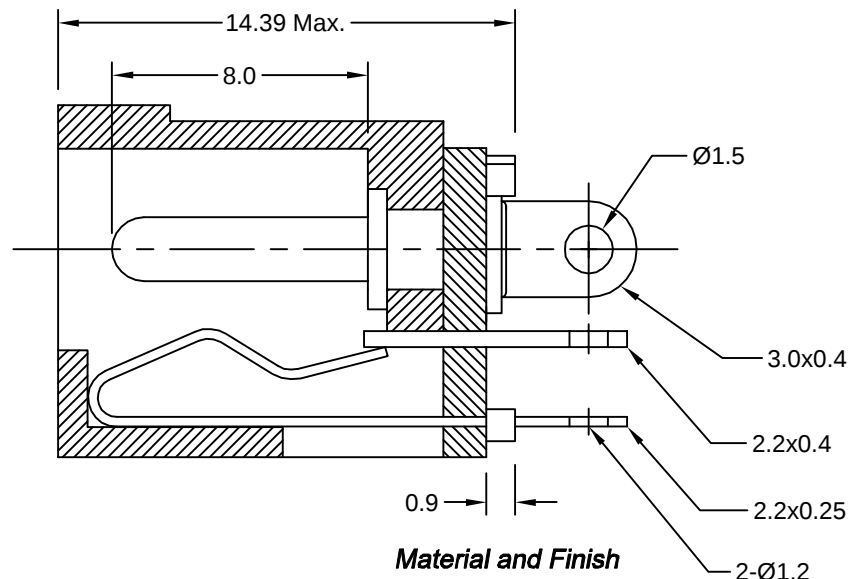


Recommended PCB Layout
(Bottom View)



Tolerances	
X.X	± 0.25
X.XX	± 0.1
Angles	± 2°
Unless Specified Otherwise	

Part Number	Center Pin Diameter
KLDV-0202-A	Ø2.00
KLDV-0202-B	Ø2.50



Material and Finish

Body: PBT Thermoplastic
UL94V-0 Rated, Color: Black
Center Pin: Brass, Nickel Plated
Contact #1: Brass, Tin Plated
Contact #2: Phosphor Bronze, Tin Plated
Contact #3: Brass, Tin Plated

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

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: 3.5 Amps
Insulation Resistance: 100 Megohms Min. (initial)
50 Megohms Min. (after humidity test)
Dielectric Withstanding Voltage:
500V AC for 1 minute



REVISION	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	UNITS
D1	2/12/01	Mod Dimensions	K. Wallace		mm
D2	3/26/01	ECO 01-055	REVISED BY	APPROVED BY	DATE
D3	8/14/01	ECO 01-144	C. Leiva		1/13/00

KLDV-0202-x
x = A for 2.0mm, B for 2.5mm

Power Jack, Vertical, PCB Mount

Ø2.0mm & Ø2.5mm Center Pin



Mouser Electronics

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[Kycon:](#)

[KLDV-0202-A](#) [KLDV-0202-B](#)