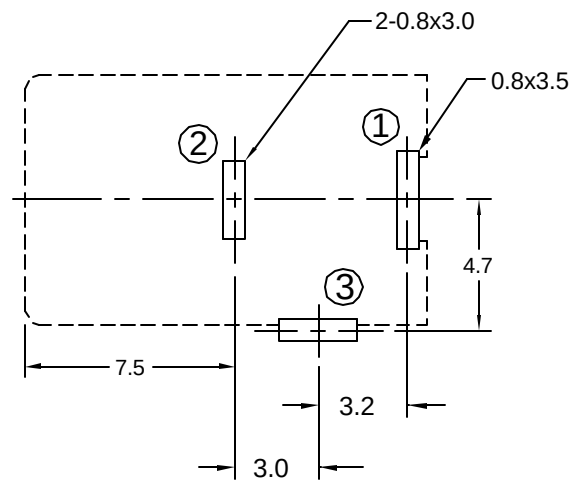
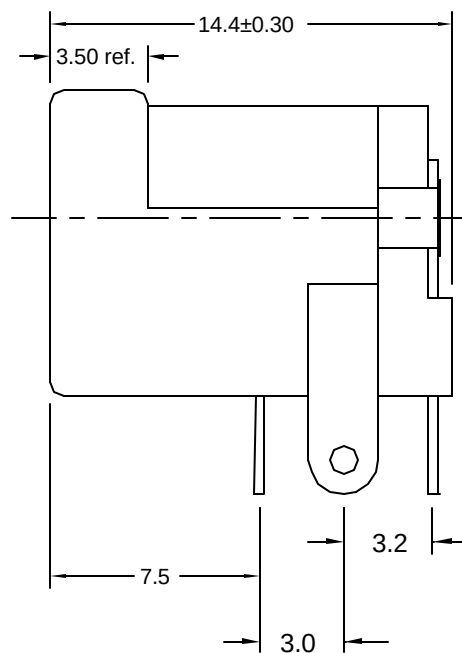
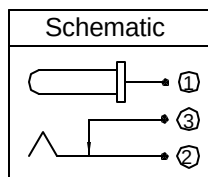
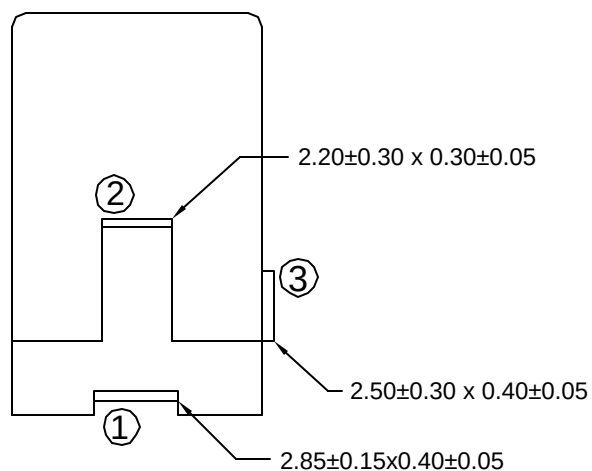
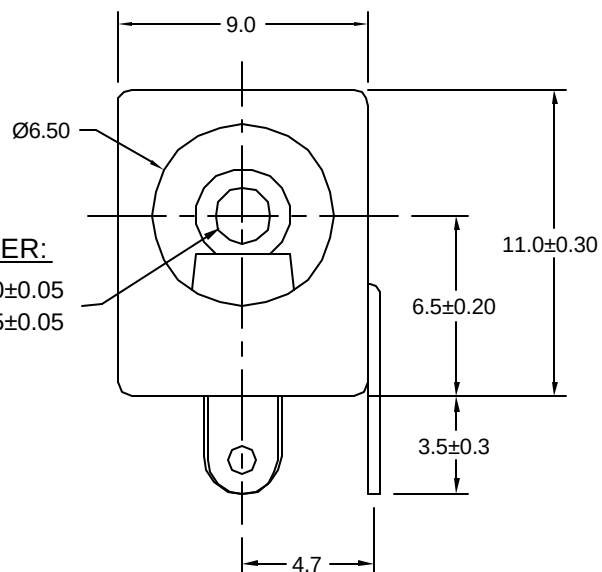




**PCB Layout  
(Top View)**

## 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-2.0kg

Extraction Force: 0.3kg-2.0kg

Operating Temp: -25°C to +85°C



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

| REVISION | DATE     | DESCRIPTION    | DRAWN BY   | REV CHECK BY | UNITS   |
|----------|----------|----------------|------------|--------------|---------|
| B4       | 3/14/03  | REF ECO 02-128 | K. Wallace | H. MA        | mm      |
| B5       | 9/30/04  | ECO# 04-053    | REVISED BY | CHECK DATE   | DATE    |
| C1       | 01/26/06 | ECO# 05-069    | R. Aguirre | 1/31/06      | 6/30/98 |

KLD-0202-A & KLD-0202-B

Thru-hole DC power Jack  
 for 2.0 and 2.5 mm plugs



# Mouser Electronics

Authorized Distributor

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