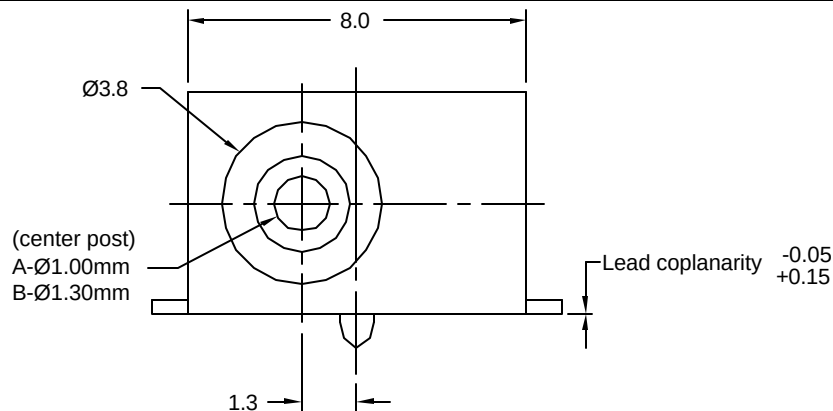
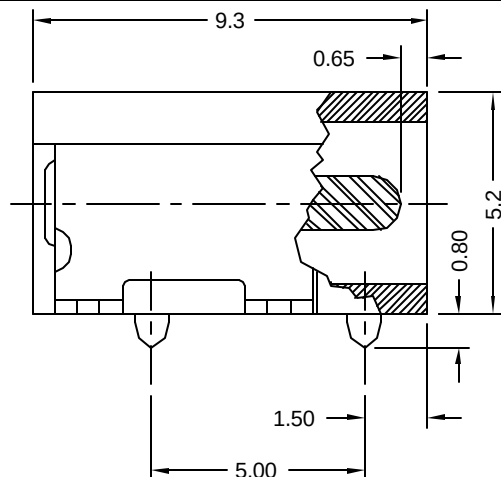
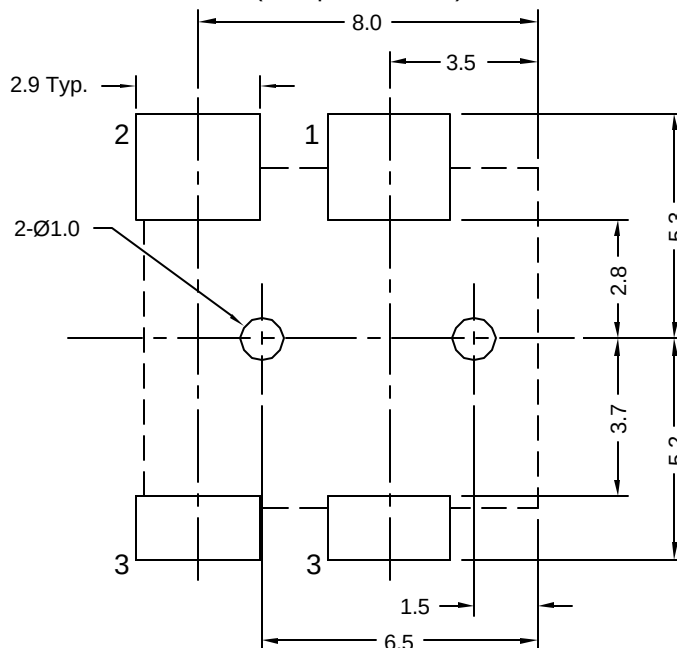
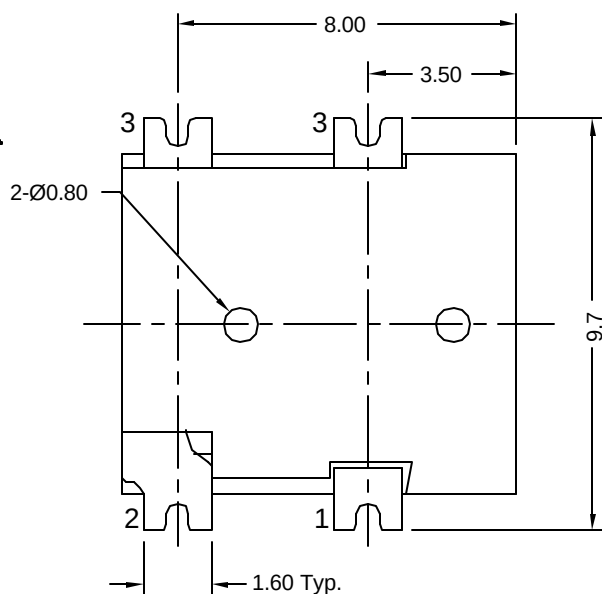




Recommended PCB Layout
(Component Side)



Material and Finish

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

Center Pin: Brass, Silver Plated

Contact #1: Phosphor Bronze, Silver Plated

Contact #2, #3: Brass, Silver 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: 2.5 amps

Insulation Resistance: 100 Megohms Min.

Mechanical Characteristics

Durability Test: 2500 cycles

Insertion Force: 0.3kg-2.0kg

Extraction Force: 0.3kg-2.0kg

Operating Temp: -25°C to +70°C

Max. Soldering Temp: 230°C for 30 seconds
260°C for 10 seconds

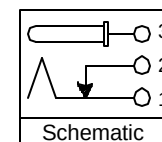
Recommended Plug Dimensions

Outer Dimension OD: 3.5mm

Inner Diameter ID:

KLD-SMT-0201L-A: 1.10mm

KLD-SMT-0201L-B: 1.35mm



Schematic



LR78160

Tolerances

X.X ± 0.25

X.XX ± 0.15

Unless Stated
Otherwise

Part Number	Center Post Dia.	Packaging
KLD-SMT-0201L-A	Ø1.00	Bulk (standard)
KLD-SMT-0201L-B	Ø1.30	
KLD-SMT-0201L-A-TR	Ø1.00	Tape and Reel (TR option)
KLD-SMT-0201L-B-TR	Ø1.30	

REVISION	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	UNITS	KLD-SMT-0201L-x x = A for Ø1.00 x = B for Ø1.30	Mini DC Power Jack	
D1	12/06/01	Add Detail	C. Leiva	H. MA	mm			
D2	4/1/02	ref. ECO #01-231	REVISED BY	CHECKED DATE	DATE		Surface Mount Type	
D3	8/9/04	Ref ECO #04-033	R. Aguirre	8/9/04	3/10/98			

Mouser Electronics

Authorized Distributor

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[KLD-SMT-0201L-A](#) [KLD-SMT-0201L-B](#)