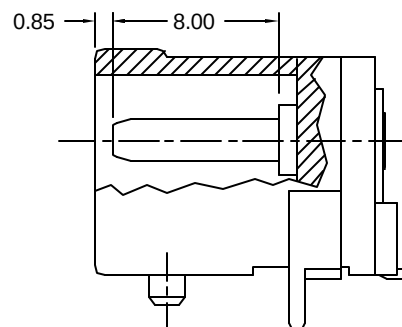
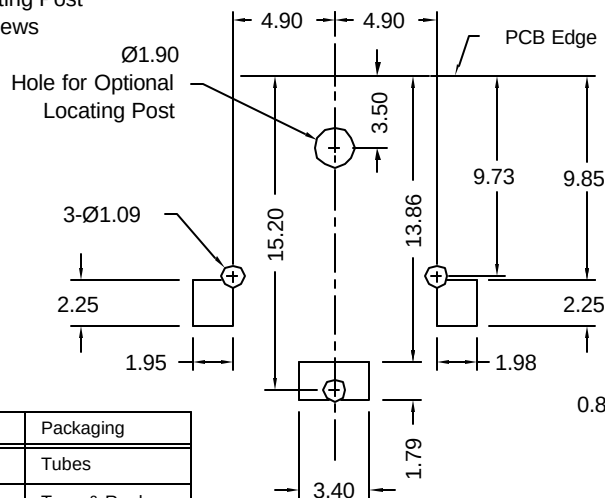
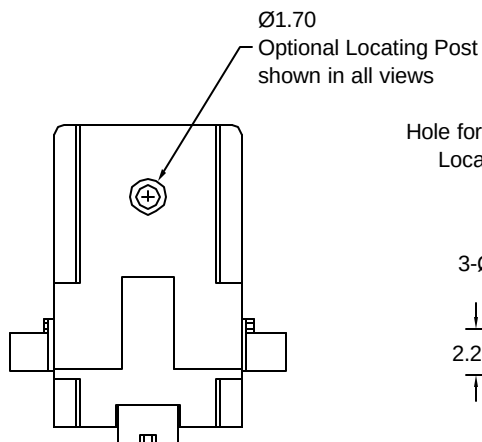
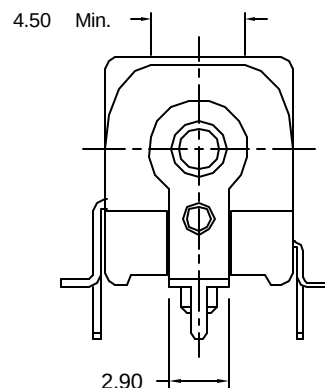
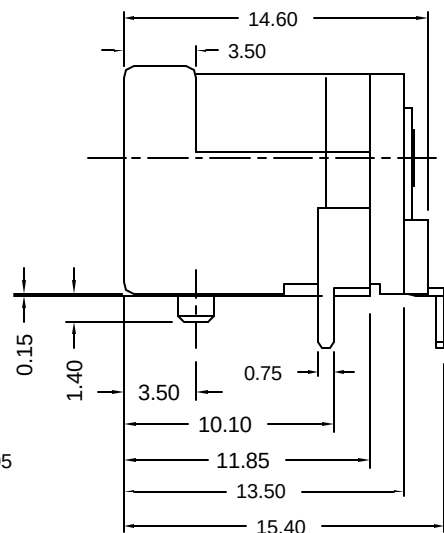
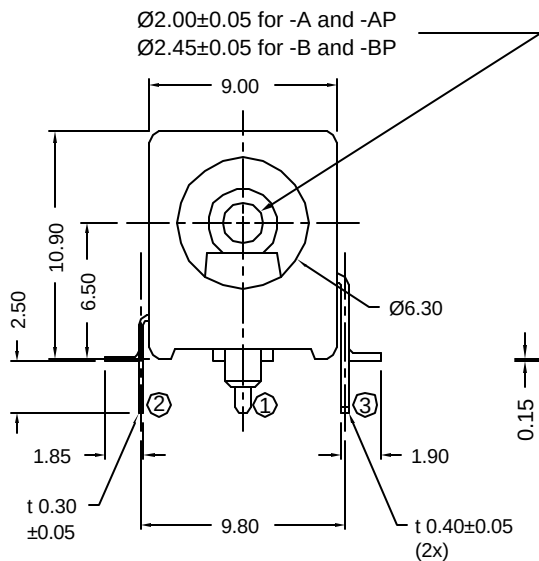




Material and Finish

Body: polyamide high temp. thermoplastic, UL94V-0, Color: Black

Center Pin: Copper alloy, Nickel Plated

Contact #1: Brass, Silver Plated

Contact #2: Phosphor Bronze, Silver Plated

Contact #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: 3.5 amps

Insulation Resistance: 100 Megohms Min.
at 500V DC

Dielectric Withstanding Voltage:
500V AC (RMS) for 1 minute

Mechanical Characteristics

Durability Test: 5000 cycles

Insertion Force: 0.3kg-2.0kg

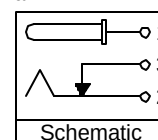
Extraction Force: 0.3kg-2.0kg

Initial Extraction Force: 0.8kg Min.
(When measured with reference test plug)

Operating Temp: -25°C to +85°C

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

Part Number	Pin Ø	Loc Post	Packaging
KLD-SMT-0202-A	Ø2.0mm	No	Tubes
KLD-SMT-0202-A-TR	Ø2.0mm	No	Tape & Reel
KLD-SMT-0202-AP	Ø2.0mm	Yes	Tubes
KLD-SMT-0202-AP-TR	Ø2.0mm	Yes	Tape & Reel
KLD-SMT-0202-B	Ø2.5mm	No	Tubes
KLD-SMT-0202-B-TR	Ø2.5mm	No	Tape & Reel
KLD-SMT-0202-BP	Ø2.5mm	Yes	Tubes
KLD-SMT-0202-BP-TR	Ø2.5mm	Yes	Tape & Reel



Tolerances

X.X ± 0.25
X.XX ± 0.15
Angles ± 2°
Unless Specified
Otherwise



REVISION	DATE	DESCRIPTION	DRAWN BY	CHECK BY	UNITS
B3	7/2/02	Ref ECD 01-165	C. Leiva	H. MA	mm
B4	7/25/01	Ref ECD 02-087	REVISED BY	CHECK DATE	DATE
C1	12/21/05	ECD# 05-069	R. Aguirre	1/18/06	4/27/99

KLD-SMT-0202-x

DC Power Jack, Post (Optional)

Hybrid Thru Hole-SMT, Designed for Reflow Soldering



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[Kycon:](#)

[KLD-SMT-0202-BP](#) [KLD-SMT-0202-AP](#) [KLD-SMT-0202-B](#) [KLD-SMT-0202-A](#)