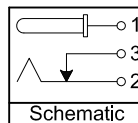
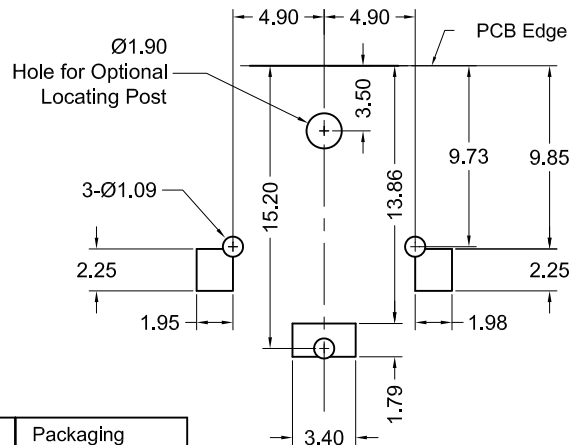
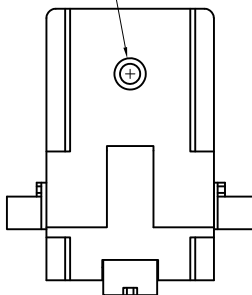


Ø1.70
Optional Locating Post
shown in all views



Part Number	Pin Ø	Loc Post	Packaging
KLDX-SMT-0202-A	Ø2.0mm	No	Tubes
KLDX-SMT-0202-ATR	Ø2.0mm	No	Tape & Reel
KLDX-SMT-0202-AP	Ø2.0mm	Yes	Tubes
KLDX-SMT-0202-APTR	Ø2.0mm	Yes	Tape & Reel
KLDX-SMT-0202-B	Ø2.5mm	No	Tubes
KLDX-SMT-0202-BTR	Ø2.5mm	No	Tape & Reel
KLDX-SMT-0202-BP	Ø2.5mm	Yes	Tubes
KLDX-SMT-0202-BPTR	Ø2.5mm	Yes	Tape & Reel

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.



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	6/9/05	New Drawing	H. MA	C. Furumasu	H. MA	6/9/05
B1	1/18/06	ECO #05-069	R. Aguirre	H. MA		
B2	08/20/10	ECO #10-058	S. Vien	H. MA		
B3	08/03/18	Address Update	G. Serrato	D. Shehan		

KLDX-SMT-0202-xx

DC Power Jack, Post (Optional)
 Thru Hole-SMT, RoHS Compliant

