









PCB Layout (Top View)

Part Number	Center Post Diameter		
KLDX-0202-A	Ø2.0±0.05		
KLDX-0202-B	Ø2.5±0.05		

Material and Finish

Body: PBT Thermoplastic UL94V-0, Color: Black

Center Pin: Copper Alloy, Nickel Plated

Contact #1: Brass, Matte Tin Plated

Contact #2: Phosphor Bronze, Matte Tin Plated

Contact #3: Brass, Matte 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

Insulation Resistance: 100 Megohms Min.

at 500V DC

Mechanical Characteristics

Durability Test: 5000 cycles

Insertion Force: 0.3kg-2.5kg Extraction Force: 0.3kg-2.5kg

Operating Temp: -25°C to +85°C





Tolerances $X.X \pm 0.3$ $X.XX \pm 0.15$ Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
C1	11/13/06	ECO# 06-058	H. MA	C.Furumasu	H. MA	5/31/05
C2	01/15/07	ECO# 07-002	R. Aguirre	H. MA	П. IVIA	5/3 1/05
C3	05/22/07	ECO# 07-016	A. Frederick	H. MA	+ 1	UNITS
C4	07/24/09	ECO# 09-059	S. Vien	H. MA		UNITS
D1	9/8/09	Change to matte tin plating	H. MA	N/A		mm
D2	04/05/11	ECO #11-024	S. Vien	H. MA		111111

KLDX-0202-X



for 2.0 and 2.5 mm plugs, RoHS Compliant

