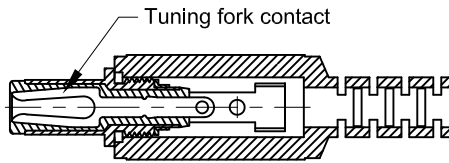


Recommended PCB Layout



Recommended to be used with Kycon locking plug (tuning fork design):
KLDX-PA-0202-A-LT, KLDX-PA-0202-B-LT

If used with non-locking plug, tuning fork design is required. See picture.

Material and Finish

Body: PBT Thermoplastic
UL94V-0, Color: Black
Center Pin: Brass, Nickel Plated
Contact #1: Brass, Tin Plated
Contact #2: Phosphor Bronze, Tin Plated
Contact #3: Brass, Tin Plated

Electrical Characteristics

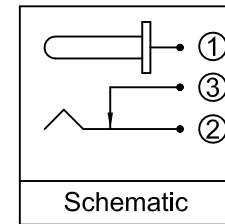
Rated Current: 5A
Rated Voltage: 24V DC
Insulation Resistance:
50 Megohms Min.
at 100 or 200V DC
for 1 minute

Contact Resistance: 30 milliohms Max.

Dielectric Withstanding Voltage:
250V AC Min.
for 1 minute

Mechanical Characteristics

Durability Test: 5000 cycles
Insertion Force: 3.0kg Max.
Extraction Force: 0.3kg Min.



Schematic

Part Number	Center Post Diameter
KLDHCX-0202-A-LT	Ø2.00
KLDHCX-0202-B-LT	Ø2.50

Tolerances
X.X ± 0.35
X.XX ± 0.25
Unless Stated Otherwise



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A2	12/12/11	ECO #11-080	S. Vien	H. MA	P. DalCanto	12/14/10
A3	03/23/12	ECO #12-013	S. Vien	H. MA		
A4	01/16/13	ECO #12-063	S. Vien	P. DalCanto		
A5	06/20/13	ECO #13-041	W. Cook	P. DalCanto	UNITS	mm
A6	08/03/18	Address Update	G. Serrato	D. Shehan		
B1	05/07/19	ECO #19-046	H. MA	D. Shehan		

KLDHCX-0202-x-LT

Thru-hole, Locking DC Power Jack

High Current, RoHS Compliant

