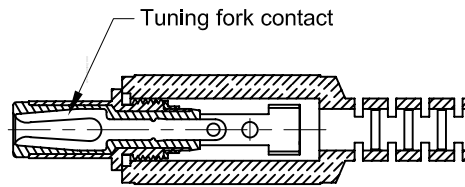


Recommended PCB Layout
(Bottom View)



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

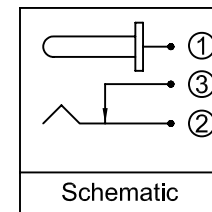
- Body: PBT, UL94V-0 Rated
- Color: Black
- Center Pin: Brass, Nickel Plated
- Contact #1: Brass, Matte Tin Plated
- Contact #2: Copper Alloy Matte Tin Plated
- Contact #3: Brass, Matte Tin Plated

Electrical Characteristics

- Rated Current: 5A
- Rated Voltage: 24V DC
- Contact Resistance: 30 milliohms Max.
- Insulation Resistance: 50 Megohms Min. at 100V or 200V DC for 1 minute
- Dielectric Withstanding Voltage: 250V AC for 1 minute

Mechanical Characteristics

- Durability Test: 5000 cycles
- Insertion Force: 3.0kg Max. (per contact)
- Extraction Force: 0.3kg Min. (per contact)



Schematic

Part Number	Center Pin Diameter
KLDVHCX-0202-A-LT	Ø2.00
KLDVHCX-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
A0	07/19/11	New Drawing	S. Vien	H. MA	S. Vien	07/18/11
A1	10/06/11	P/N Change	S. Vien	H. MA		
A2	12/12/11	ECO #11-080	S. Vien	H. MA		
A3	03/23/12	ECO #12-013	S. Vien	H. MA		
A4	04/30/12	Release Drawing	P. DalCanto	N/A		

KLDVHCX-0202-x-LT

Power Jack, Vertical, PCB Mount, RoHS compliant

High Current, Locking Type

