

Recommended PCB Layout
(Top View)

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

Material and Finish

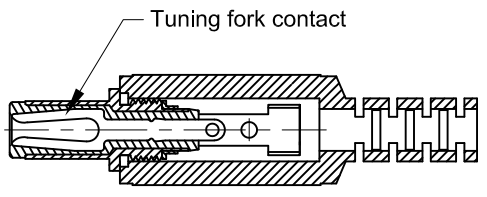
Body: PBT Thermoplastic
UL94V-0, Color: Black
Center Pin: Brass, Nickel Plated
Contact #1: Brass, Tin Plated
Contact #2: Phosphor Bronze, Tin Plated
Contact #3: Brass, Tin Plated

Electrical Characteristics

Rated Current: 3.5A
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

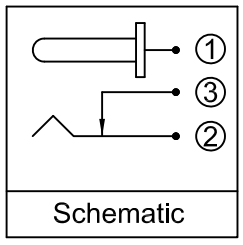
Mechanical Characteristics

Durability Test: 5000 cycles
Insertion Force: 3.0kg Max.
Extraction Force: 0.3kg Min.
Operating Temp: -40°C to +85°C



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.



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		
A3	03/23/12	ECO #12-013	S. Vien	H. MA	P. DalCanto	07/28/10
A4	06/20/13	ECO #13-041	W. Cook	P. DalCanto		
A5	04/14/14	Update Dimensions	W. Cook	P. DalCanto		
A6	04/28/15	Increased Operating Temp.	C. Kelleher	W. Cook		
A7	05/07/19	ECO #19-044	G. Serrato	D. Shehan		

KLDX-0202-x-LT

Thru-Hole DC Power Jack, RoHS Compliant

2.0 and 2.5 mm Center Pin, Locking Type

