

Material and Finish

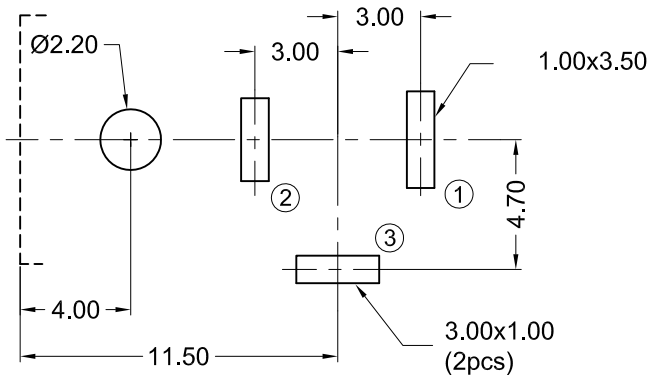
Body: PBT Thermoplastic
 UL94V-0, Color: Black
 Center Pin: Brass, Nickel Plated
 Contact #1: Brass, Tin Plated
 Contact #2: Phosphor Bronze, Tin Plated
 Contact #3: Brass, Tin Plated

Electrical Characteristics

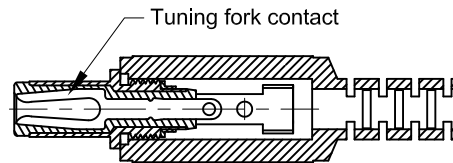
Rated Current: 5A
 Rated Voltage: 24V DC
 Insulation Resistance:
 50 Megohms Min.
 at 100 or 200V DC
 for 1 minute
 Contact Resistance: 30 milliohms Max.
 Dielectric Withstanding Voltage:
 250V AC Min.
 for 1 minute

Mechanical Characteristics

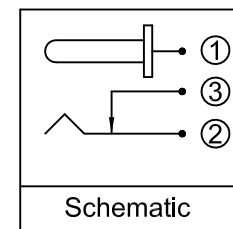
Durability Test: 5000 cycles
 Insertion Force: 3.0kg Max.
 Extraction Force: 0.3kg Min.



Recommended PCB Layout



Tuning fork contact
 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.



Schematic

Part Number	Center Post Diameter
KLDHCX-0202-AP-LT	Ø2.00
KLDHCX-0202-BP-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	03/23/12	ECO #12-013	S. Vien	H. MA	S. Vien	06/08/11
A3	03/27/12	Release Drawing	P. DalCanto	N/A		
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-xP-LT

Thru-hole, Locking DC Power Jack

High Current, with Post, RoHS Compliant

