

**Material and Finish**

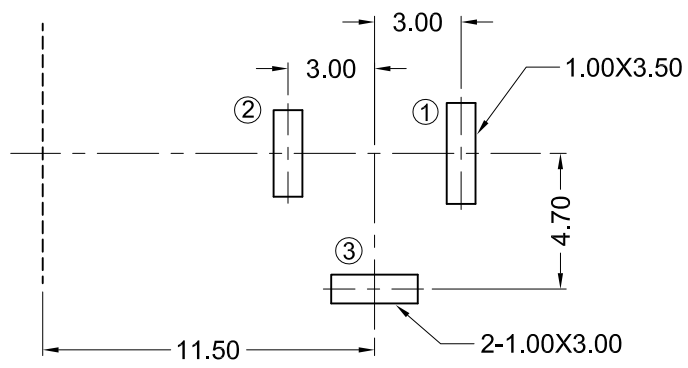
Body: PBT Thermoplastic  
 UL94V-0, Color: Black  
 Center Pin: Brass, Nickel Plated  
 Contact #1: Brass, Tin Plated  
 Contact #2: Phosphor Bronze, Tin Plated  
 Contact #3: Brass, Tin Plated

**Electrical Characteristics**

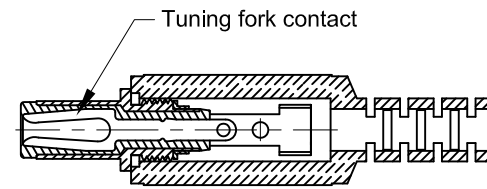
Rated Current: 3.5A  
 Rated Voltage: 24V DC  
 Insulation Resistance:  
 50 Megohms Min.  
 at 100 or 200V DC  
 for 1 minute  
 Contact Resistance: 30 milliohms Max.  
 Dielectric Withstanding Voltage:  
 250V AC Min.  
 for 1 minute

**Mechanical Characteristics**

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

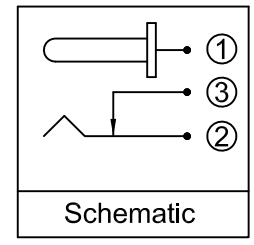


Recommended PCB Layout  
 (Top View)



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.



Part Number	Center Post Diameter
KLDX-0202-A-LT	Ø2.00
KLDX-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
A1	10/04/10	Release Drawing	P. DalCanto	N/A		
A2	12/12/11	ECO #11-080	S. Vien	H. MA	P. DalCanto	07/28/10
A3	03/23/12	ECO #12-013	S. Vien	H. MA		
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		

**KLDX-0202-x-LT**

Thru-Hole DC Power Jack, RoHS Compliant

2.0 and 2.5 mm Center Pin, Locking Type

