



Part Number	Center Post Diameter
KLDX-0202-A	Ø2.0±0.05
KLDX-0202-B	Ø2.5±0.05

**Material and Finish**

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

**Electrical Characteristics**

Contact Resistance  
 Before Test  
 Between Terminals: 30 milliohms Max.  
 Plug to Contacts: 50 milliohms Max.  
 After Test:  
 Between Terminals: 60 milliohms Max.  
 Plug to Contacts: 100 milliohms Max.

Rated Voltage: 24V DC

Rated Current: 3.5A

Insulation Resistance: 100 Megohms Min.  
 at 500V DC

**Mechanical Characteristics**

Durability Test: 5000 cycles  
 Insertion Force: 0.3kg-2.5kg  
 Extraction Force: 0.3kg-2.5kg  
 Operating Temp: -25°C to +85°C



Tolerances
X.X ± 0.3
X.XX ± 0.15
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
C2	01/15/07	ECO# 07-002	R. Aguirre	H. MA	H. MA	5/31/05
C3	05/22/07	ECO# 07-016	A. Frederick	H. MA		
C4	07/24/09	ECO# 09-059	S. Vien	H. MA		
D1	9/8/09	Change to matte tin plating	H. MA	N/A		
D2	04/05/11	ECO #11-024	S. Vien	H. MA	UNITS	mm
D3	06/20/13	ECO #13-041	W. Cook	P. DalCanto		

**KLDX-0202-X**

Thru-hole DC power jack

for 2.0 and 2.5 mm plugs, RoHS Compliant

