

Part Number	Center Post Diameter
KLDX-0202-AC	Ø2.0±0.05
KLDX-0202-BC	Ø2.5±0.05

**Material and Finish**

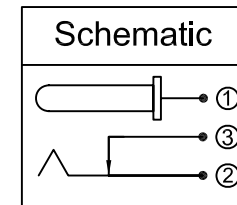
Body: PBT Thermoplastic  
 UL94V-0, Color: Black  
 Center Pin: Copper alloy, Nickel Plated  
 Contact #1: Brass, Matte Tin Plated  
 Contact #2: Phosphor Bronze, Matte Tin Plated  
 Contact #3: Brass, Matte Tin Plated

**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
C1	11/15/06	ECO 06-058	H. MA	C.Furumasu	H. MA	2/7/05
C2	01/15/07	ECO 06-058	R. Aguirre	H. MA		
C3	05/22/07	ECO 07-016	A. Frederick	H. MA		
C4	07/24/09	ECO #09-059	S. Vien	H. MA	UNITS	mm
D1	02/17/10	ECO #10-007	S. Vien	H. MA		
D2	04/05/11	ECO #11-024	S. Vien	H. MA		

**KLDX-0202-xC**

DC Power Jack, RoHS Compliant  
 Thru Hole, 2.0 and 2.5mm Center Pins

