

**Material and Finish**

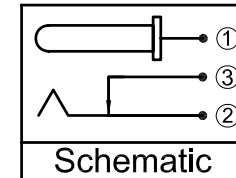
Body: PBT Thermoplastic  
 UL94V-0, Color: Black  
 Center Pin: Copper alloy, Nickel Plated  
 Contact #1: Brass, Tin Plated  
 Contact #2: Phosphor Bronze, Tin Plated  
 Contact #3: Brass, Tin Plated

**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  
 5A at 20V Max.  
 Insulation Resistance: 100 Megohms Min.  
 at 500V DC

**Mechanical Characteristics**

Durability Test: 5000 cycles  
 Insertion Force: 0.3kg-2.0kg  
 Extraction Force: 0.3kg-2.0kg  
 Operating Temp: -25°C to +85°C



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

**RoHS COMPLIANT**  
 EU Directive 2002/95/EC



Tolerances
X.X ± 0.25
X.XX ± 0.15
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	2/15/05	New Drawing	H. MA	C. Furumasu	H. AM	2/7/05
B1	01/31/06	ECO 05-069	R. Aguirre	H. MA		
C1	11/15/06	ECO 06-058	H. MA	C. Furumasu		

**KLDX-0202-xC**

DC Power Jack, 2.0 and 2.5mm Center Pins

Thru Hole, RoHS Compliant

