



Material and Finish

Housing: PBT Thermoplastic
 UL 94V-0 Rated, Black Color
 Contact Materials:
 Center Pin: Copper, Nickel Plated
 Contact #1: Brass, Silver Plated over Nickel Underplate
 Contact #2: Copper Alloy, Silver Plated over Nickel Underplate
 Spring: Copper Alloy, Silver Plated over Nickel Underplate
 Shield: Brass, Nickel Plated

Electrical Characteristics

Rated Current: 8A
 Rated Voltage: 24V DC
 Insulation Resistance:
 100 Megohms Min. at 500V DC
 Contact Resistance:
 30 milliohms Max.
 Dielectric Withstanding Voltage:
 500V for 1 Minute

Mechanical Characteristics

Insertion Force: 0.3kg - 3.0kg
 Withdrawal Force: 0.3kg - 3.0kg
 Durability: 5000 Mating Cycles Min.
 Operating Temperature:
 -25°C to +85°C

Part Number	Center Post Diameter
KLDHCX-8-0202-A	Ø2.00
KLDHCX-8-0202-B	Ø2.50

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

RoHS COMPLIANT

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	04/25/14	New Drawing	D. Gih	P. DalCanto	D. Gih	04/07/14
A1	07/08/14	Release Drawing	D. Gih	N/A		
A2	05/28/15	Remove CSA	H. MA	W. Cook		
A3	11/05/19	ECO# 19-070	C. Kelleher	D. Shehan		

KLDHCX-8-0202-x

Thru-hole DC Power Jack, High Current: 8A

for 2.0 and 2.5 mm plugs, RoHS Compliant

