

Recommended PCB Layout (Top View)

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

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.

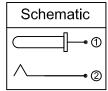
Dielectric Withstanding Voltage:

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





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

Tolerances

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	4 1	UNITS
A3	11/05/19	ECO# 19-070	C. Kelleher	D. Shehan	(()	UNITS
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KLDHCX-8-0202-x

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



