



Material and Finish

Body: High Temp Material
UL94V-0 Rated, Color: Black
Center Pin: Brass, Nickel Plated
Contact #1: Brass, Matte Tin Plated
Contact #2: Phosphor Bronze,
Gold Flash on Contact Area,
Matte Tin on Solder Pin
Contact #3: Brass, Matte Tin Plated

Electrical Characteristics

Rated Voltage: 24V DC
Rated Current: 3.5 Amps
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.
Insulation Resistance: 100 Megohms Min. (initial)
50 Megohms Min. (after humidity test)
Dielectric Withstanding Voltage:
500V AC for 1 minute

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

Recommended PCB Layout
(Bottom View)

Part Number	Center Pin Diameter
KLDVX-0202-A	Ø2.00
KLDVX-0202-B	Ø2.50
KLDVX-0202-D	Ø3.00



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A2	11/8/05	Change to Hi Temp Material	H. MA	C. Furumasu	H. MA	7/6/05
A3	8/3/06	Add -D option	H. MA	C. Furumasu	H. MA	
A4	08/20/10	ECO #10-058	S. Vien	H. MA	H. MA	
A5	10/18/10	ECO #10-072	S. Vien	H. MA	H. MA	
A6	07/26/11	ECO #11-051	S. Vien	H. MA	H. MA	
A7	06/20/13	ECO #13-041	W. Cook	P. DalCanto	H. MA	

KLDVX-0202-x

Power Jack, Vertical, PCB Mount, RoHS compliant
Ø2.0mm , Ø2.5mm & Ø3.0mm Center Pin, High Temp

