



Material and Finish

Insulator: PBT Thermoplastic
UL94 HB Rated, Black Color

Cover: ABS

Contact Materials:

Center Contact: Copper Alloy,
Nickel Plated

Outer Sleeve: Brass, Nickel Plated

Electrical Characteristics

Rated Current: 5A

Rated Voltage: 24V DC

Insulation Resistance:

100 Megohms Min. at 500V DC

Contact Resistance:

30 milliohms Max.

Mechanical Characteristics

Insertion Force: 0.4kg - 4.0kg

Withdrawal Force: 0.4kg - 4.0kg

Durability: 5000 Mating Cycles Min.

Operating Temperature:

-25°C to +75°C

Part Number	Center Pin Diameter
KLDPX-0302-A-P	2.1±0.1mm
KLDPX-0302-B-P	2.5±0.1mm

Tolerances
X.X ± 0.35
X.XX ± 0.25
Unless Stated
Otherwise



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	10/26/12	New Drawing	S. Vien	P. DalCanto		
A1	01/08/13	Release Drawing	P. DalCanto	N/A	S. Vien	09/13/12
A2	01/15/13	ECO #12-063	S. Vien	P. DalCanto		
A3	08/07/13	ECO #13-042	W. Cook	P. DalCanto		
A4	05/04/15	ECO #15-009	H. MA	W. Cook		

KLDPX-0302-x-P

Locking Power Plug

RoHS Compliant

