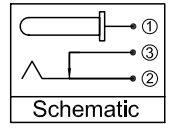


PCB Layout (Top View)



Schematic

Material and Finish

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

Mechanical Characteristics

Durability Test: 5000 cycles
 Insertion Force: 3.0kg Max.
 Extraction Force: 0.3kg Min.
 Operating Temp: -25°C to +85°C

Electrical Characteristics

Rated Voltage: 16VRMS
 Rated Current: 3A
 Insulation Resistance: 50 Megohms Min.
 at 100 or 200V DC for 1 minute
 Contact Resistance: 30 milliohms Max.
 Dielectric Withstanding Voltage: 250V AC Min.
 for 1 minute

PRELIMINARY
 PART IN DESIGN
 SPECIFICATION SUBJECT TO CHANGE

Part Number	Center Post Diameter
KLDX-0202-AP-LT	Ø2.10
KLDX-0202-BP-LT	Ø2.50

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	8/3/10	New Drawing	P. DalCanto	H. MA	P. DalCanto	7/28/10

KLDX-0202-xP-LT
 Thru-hole DC power jack, RoHS Compliant
 2.1&2.5mm center pin, locking type, with post

