



Recommended PCB Layout
(Bottom View)

Material and Finish

Body: PBT Thermoplastic
UL94V-0 Rated
Color: Black

Contacts:

Pin #1 and #2:
Brass, Tin Plated

Pin #3:
Phosphor Bronze, Tin Plated

Inner Shield: Copper Alloy,
Tin Plated

Electrical Characteristics

Contact Rating:

Pin #1 and #2:
7.5A Max. @ 48V DC

Pin #3:
1.0A Max. @ 48V DC

Insulation Resistance:

50 Megohms Min. at 250V DC

Dielectric Withstanding Voltage:

500V AC RMS for 1 Min.

Contact Resistance:

30 milliohms Max.

Operating Temperature:

-40°C to 75°C

Tolerances

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



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A2	10/22/07	ECO# 07-048	WILL H.	H. MA	H. MA	4/12/05
A3	03/22/10	ECO# 10-018	S. Vien	H. MA		
A4	04/26/11	Remove Dim & add pin#	S. Vien	H. MA		
A5	04/09/12	ECO #12-011	S. Vien	P. DalCanto	UNITS	mm
A6	01/28/13	ECO #13-006	S. Vien	P. DalCanto		
A7	11/13/13	ECO #13-088	C. Kelleher	P. DalCanto		

KPJX-3S

DC Power Jack, RoHS compliant

3 Position, Non-Shielded

