



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

Outer Shield: Steel, Tin Plated

**Electrical Characteristics**

Contact Rating (Per Pin):

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.

**Mechanical Characteristics**

Operating Temperature:  
-40°C to 75°C

Note:  
Recommended for use  
with Kycon KPPX plug.

Tolerances

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



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A9	09/18/15	ECO #15-010	C. Kelleher	W. Cook	H. MA	4/13/05
A10	02/19/16	ECO #16-005	C. Kelleher	W. Cook		
A11	12/12/16	ECO #16-033	G. Serrato	W. Cook	UNITS	mm
A12	08/20/18	ECO #18-034	G. Serrato	D. Shehan		
A13	10/05/18	ECO #18-051	G. Serrato	D. Shehan		
A14	08/25/22	ECO #22-004	W. Cook	C. Furumasa		

**KPJX-3S-S**

DC Power Jack, RoHS Compliant

3 Position, Shielded

