



Recommended PCB Layout  
(Bottom View)

**Material and Finish**

Body: High Temperature,  
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 85°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
A8	01/28/13	ECO #13-006	S. Vien	P. DalCanto	H. MA	5/10/05
A9	09/18/15	ECO #15-010	C. Kelleher	W. Cook		
A10	02/19/16	ECO #16-005	C. Kelleher	W. Cook	UNITS	mm
A11	08/20/18	ECO #18-034	G. Serrato	D. Shehan		
A12	10/05/18	ECO #18-051	G. Serrato	D. Shehan		
A13	08/29/22	ECO #22-004	W. Cook	C. Furumasa		

**KPJXHT-3S-S**

DC Power Jack, RoHS Compliant

3 Position, Shielded, High Temperature

