



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

