



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
A7	04/09/12	ECO #12-011	S. Vien	P. DalCanto	H. MA	5/10/05
A8	01/28/13	ECO #13-006	S. Vien	P. DalCanto		
A9	09/18/15	ECO #15-010	C. Kelleher	W. Cook		
A10	02/19/16	ECO #16-005	C. Kelleher	W. Cook		
A11	08/20/18	ECO #18-034	G. Serrato	D. Shehan		
A12	10/05/18	ECO #18-051	G. Serrato	D. Shehan		

**KPJXHT-3S-S**

DC Power Jack, RoHS Compliant

3 Position, Shielded, High Temperature

