



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

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	09/18/18	ECO #15-010	C. Kelleher	W. Cook	H. MA	5/10/05
A9	02/19/16	ECO #16-050	C. Kelleher	W. Cook		
A10	08/20/18	ECO #18-034	G. Serrato	D. Shehan	UNITS	mm
A11	10/05/18	ECO #18-051	G. Serrato	D. Shehan		
A12	08/29/22	ECO #22-004	W. Cook	C. Furumasa		
A13	02/11/25	ECO #24-021	L. Wang	NA		

KPJXHT-3S

DC Power Jack, RoHS compliant

3 Position, Non-Shielded, High Temperature

