



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

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
A7	11/13/13	ECO #13-088	C. Kelleher	P. DalCanto	H. MA	4/12/05
A8	09/18/15	ECO #15-010	C. Kelleher	W. Cook		
A9	02/19/16	ECO #16-005	C. Kelleher	W. Cook	UNITS	mm
A10	08/20/18	ECO #18-034	G. Serrato	D. Shehan		
A11	10/05/18	ECO #18-051	G. Serrato	D. Shehan		
A12	08/25/22	ECO #22-004	W. Cook	C. Furusmasu		

KPJX-3S

DC Power Jack, RoHS compliant

3 Position, Non-Shielded

