



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 |
|------|----------|-------------|-------------|-------------|----------|---------|
| A9 | 09/18/15 | ECO #15-010 | C. Kelleher | W. Cook | H. MA | 5/10/05 |
| A10 | 02/19/16 | ECO #16-005 | C. Kelleher | W. Cook | | |
| A11 | 08/20/18 | ECO #18-034 | G. Serrato | D. Shehan | UNITS | mm |
| A12 | 10/05/18 | ECO #18-051 | G. Serrato | D. Shehan | | |
| A13 | 08/29/22 | ECO #22-004 | W. Cook | C. Furumasa | | |
| A14 | 02/11/25 | ECO #24-021 | L. Wang | NA | | |

KPJXHT-3S-S

DC Power Jack, RoHS Compliant

3 Position, Shielded, High Temperature

