



P.C.B LAYOUT

Technical Data

Material:

Pin(outer sleeve): Brass, machined CuZn38Pb2

Plating(outer sleeve):

Tin Plated: $2\mu\text{m}/80\mu\text{m}$ "Ni, $5\mu\text{m}/200\mu\text{m}$ "Sn

Gold Plated: $2\mu\text{m}$ / $80\mu\text{m}$ Ni, 0.8μ gold

Insulator: PPS UL94V-0

Clp(Contact 4 Finger):Beryllium copper,heat teated

Electrical:

Current rating: 3Amps/contact max.

Contact resistance: $\leq 4\text{m}\Omega/\text{contact}$

Insulation resistance: $\geq 10000\text{M}\Omega$ at $V=100\text{V}$

Operating voltage: 60VAC/DC

Mechanical:

Average Insertion force with steel pin of ϕ :0.432: <250g

Average withdrawal force with steel pin of $\phi:0.432$: $>70g$

Mechanical ligé cycle: min 200

Operating temperature: -40°C to $+105^{\circ}\text{C}$

Soldering temperature: +255°C

[illegible]