



P. C. B LAYOUT

Technical Data

Material:

Pin(outer sleeve):Brass,machined CuZn38Pb2

Plating(outer sleeve):

Tin Plated:2 μ m/80 μ "NI, 5 μ m/200 μ "Sn

Gold Plated:2 μ m"/80 μ "Ni,Gold plating

Plating(Contact):2 μ m/80 μ "NI,gold or Tin plated

Insuiator:PBT UL94V-0 Color: white

ClIp(Contact 4 Flnger):Beryllium copper,heat teated

Electrical:

Current rating:3Amps/contact max.

Contact resistance: $\leq 4m\Omega$ /contact

Insuiation resistance: $\geq 1000M\Omega$ at V=100V

Operaing vottage:60VAC/DC

Mechanical:

Average Insertion force with steel pin of $\phi 0.432$:<250g

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

Mechanical lige cycle:min 200

Operaling temperature:-40° C to+105° C

Soldering temperature:+255° C

Critical Dimensions:⊛

| | | | | | | | | | | | |
|----|--------------|------|------|----------------------------|------------|-------|-----------------|--|--------------|-------------------------------|------|
| | | | | TOLERANCE UNLESS OTHERWISE | | DRAWN | CK tan | XFCN兴飞连接器有限公司 CONNECTORS XFCN CONNECTORS CO., LTD. | | SHEET | 1/1 |
| | | | | X. | ± 0.30 | X° | $\pm 5^\circ$ | | | CHKD | DATE |
| | | | | .X | ± 0.20 | .X° | $\pm 2^\circ$ | APPD | PRODUCT NAME | 2.54mm Machined Female Header | |
| | | | | .XX | ± 0.08 | .XX° | $\pm 1^\circ$ | VIEW | PART. NO. | SCALE | 1:1 |
| | | | | .XXX | ± 0.03 | .XXX° | $\pm 0.5^\circ$ | | | DWG NO. | 009 |
| AO | MODIFICATION | DRAW | DATE | | | | | | | | |

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