



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, 0.8 μ " gold
 Plating(Contact):2 μ m/80 μ "NI, gold or Tin plated
 Insuiator:PPS UL94V-0
 ClIp(Contact 6 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 $\phi 0.66mm/0.38"$:<140g
 Average withdrawal force with steel pin of $\phi 0.66mm/0.38"$:>25g
 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 XFCN CONNECTORS CO.,LTD.	SHEET	1/1
				X. ± 0.30 X° $\pm 5^\circ$	CHKD			DATE	2020. 04. 12
				.X ± 0.20 .X° $\pm 2^\circ$	APPD			UNITS	mm
				.XX ± 0.08 .XX° $\pm 1^\circ$	VIEW	⊕		SCALE	1:1
AO	MODIFICATION	DRAW	DATE	.XXX ± 0.03 .XXX° $\pm 0.5^\circ$		PRODUCT NAME	2.54mm Machined Female Header	DWG NO.	009
1	2	3	4	5	6	PART. NO.	MF254V-12-xx-1000-H70		