



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°	$\pm 0.5^\circ$	DWG NO.	009
1	2	3	4	5	6	7	8	9	10		

PRODUCT NAME 2.54mm Machined Female Header

PART. NO. MF254V-12-xx-1000-H70