



P. C. B LAYOUT

Technical Data

Material:

Pin(outer sleeve):Brass,machined CuZn38Pb2

Plating(outer sleeve):

Tin Plated:2 $\mu$ m/80 $\mu$ "NI, 5 $\mu$ m/200 $\mu$ "Sn

Gold Plated:2 $\mu$ m"/80 $\mu$ "Ni, 0.8 $\mu$ " gold

Plating(Contact ):2 $\mu$ m/80 $\mu$ "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	<b>XFCN</b> 兴飞连接器有限公司 XFCN CONNECTORS CO.,LTD.	SHEET	1/1	
				X. $\pm 0.30$ X° $\pm 5^\circ$	CHKD			DATE	2020. 04. 12	
				.X $\pm 0.20$ .X° $\pm 2^\circ$	APPD			UNITS	mm	
				.XX $\pm 0.08$ .XX° $\pm 1^\circ$	VIEW	⊕ ⊞		SCALE	1:1	
AO	MODIFICATION	DRAW	DATE	.XXX $\pm 0.03$ .XXX° $\pm 0.5^\circ$	PRODUCT NAME	2.54mm Machined Female Header	PART. NO.	MF254V-12-xx-1000-H70	DWG. NO.	009

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