



P. C. B LAYOUT

Technical Data

Material:

Pin(outer sleeve): Brass, machined CuZn38Pb2

Plating(outer sleeve):

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

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

Insulator: PPS UL94V-0

Mating pin  $\phi$ :  $0.47/0.50\text{mm}$

Electrical:

Current rating: 3Amps/contact max.

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

Insulation resistance:  $\geq 1000\text{M}\Omega$  at  $V=100\text{V}$

Operating voltage: 60VAC/DC

Mechanical:

Mechanical life: min 500 cycle

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

Soldering temperature:  $+255^\circ\text{C}$

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.	$\pm 0.30$	X°	$\pm 5^\circ$			CHKD	DATE
				.X	$\pm 0.20$	.X°	$\pm 2^\circ$	APPD	PRODUCT NAME	2.00mm Machined Pin Header	
				.XX	$\pm 0.08$	.XX°	$\pm 1^\circ$	VIEW	PART. NO.	SCALE	1:1
				.XXX	$\pm 0.03$	.XXX°	$\pm 0.5^\circ$			DWG NO.	009
AO	MODIFICATION		DRAW	DATE							