



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 ϕ : $0.47/0.50\text{mm}$

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°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.	± 0.30	X°	$\pm 5^\circ$			CHKD	DATE
				.X	± 0.20	.X°	$\pm 2^\circ$	APPD	PRODUCT NAME	2.00mm Machined Pin 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								