

Technical Data

Material:

Pin(outer sleeve):Brass,machined CuZn38Pb2

Plating(outer sleeve):

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

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

Plating(Contact ):2 $\mu$ m/80 $\mu$ m Ni, gold or Tin plated

Insulator:PPS UL94V-0

Clip(Contact 4 Finger):Beryllium copper,heat teated

Mating pin $\varnothing$ :0.40mm/0.66mm

Electrical:

Current rating:3Amps/contact max.

Contact resistance: $\leq 4m\Omega$ /contact

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

Dlelectric Withstanding Voltage:1000V AV Min

Operaling voltage:60VAC/DC

Mechanical:

-Insertion:0.7N typ

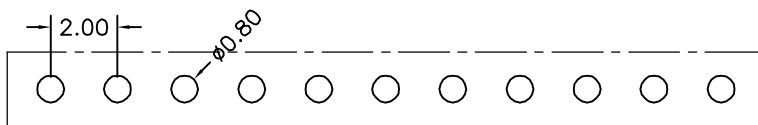
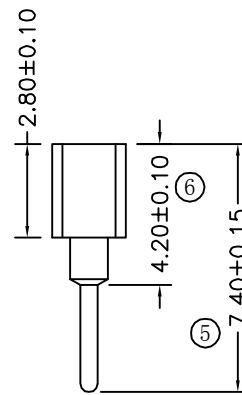
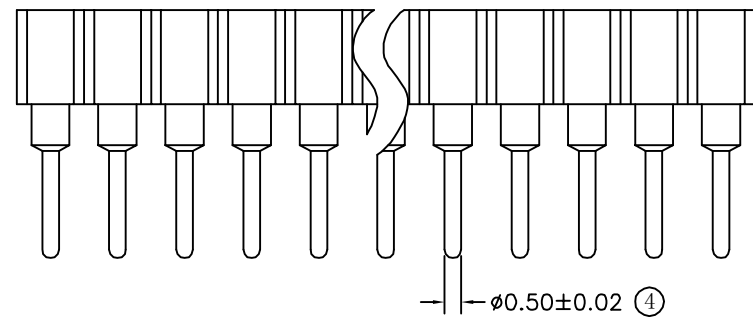
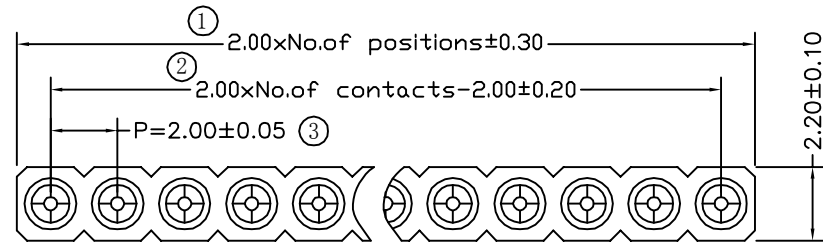
-Withdrawal:0.4N typ

Mechanical lige:min 500 cycle

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

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

Critical Dimensions:\*



P. C. B LAYOUT

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

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