



P. C. B LAYOUT

Technical Data

Material:
 Pin(outer sleeve): Brass, machined CuZn38Pb2
 Plating(outer sleeve):
 Tin Plated: 2µm/80µm Ni, 5µm/200µm Sn
 Gold Plated: 2µm/80µm Ni, 0.8µm gold
 Plating(Contact): 2µm/80µm Ni, gold or Tin plated
 Insulator: PPS UL94V-0
 Clip(Contact 4 Finger): Beryllium copper, heat treated

Electrical:

Current rating: 3Amps/contact max.
 Contact resistance: ≤4mΩ/contact
 Insulation resistance: ≥1000MΩ at V=100V
 Dielectric Withstanding Voltage: 1000V AV Min
 Operating voltage: 60VAC/DC

Mechanical:

Average Insertion force with steel pin of Ø0.66mm/0.38": <250g
 Average withdrawal force with steel pin of Ø0.66mm/0.38": <70g
 Mechanical life cycle: min 200
 Operating temperature: -40 °C to +105 °C
 Soldering temperature: +255 °C

				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° ±5°	CHKD			DATE	2020.04.12
				.X ±0.20	.X° ±2°	APPD			UNITS	mm
				.XX ±0.08	.XX° ±1°	VIEW	⊕		SCALE	1:1
AO	MODIFICATION	DRAW	DATE	.XXX ±0.03	.XXX° ±0.5°	PART. NO.		MF254V-12-xx-0743	DWG. NO.	009

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