



Technical Data

Material:

Pin(outer sleeve):Brass,machined CuZn38Pb2

Plating(outer sleeve):

Tin Plated:2μm/80μ"NI, 5μm/200μ"Sn

Gold Plated:2μm"/80μ"Ni, 0.8μ" gold

Plating(Contact):2μm/80μ"NI, gold or Tin plated

Insuiator:PPS UL94V-0

ClIp(Contact 4 FInger):Beryllium copper,heat teated

Electrical:

Current rating:3Amps/contact max.

Contact resistance:≤4mΩ/contact

Insuiation resistance:≥1000MΩ at V=100V

Operaing vottage:60VAC/DC

Mechanical:

Average Insertion force with steel pin of ∅0.432:<250g

Average withdrawal force with steel pin of ∅0.432:>70g

Mechanical lige cycle:min 200

Operaling temperature:-40° C to+105° C

Soldering temperature:+255° C

Critical Dimensions:⊛

AO	MODIFICATION	DRAW	DATE
VER			

TOLERANCE UNLESS OTHERWISE		DRAWN	CK tan
X.	±0.30 X° ±5°	CHKD	
.X	±0.20 .X° ±2°	APPD	
.XX	±0.08 .XX° ±1°	VIEW	⊕ ⊖
.XXX	±0.03 .XXX° ±0.5°		

XFCN 兴飞连接器有限公司		SHEET	1/1
XFCN CONNECTORS CO.,LTD.		DATE	2020.04.12
PRODUCT NAME	2.54mm IC Socket Connectors	UNITS	mm
PART. NO.	IC254V-12-28-0743-P1524	SCALE	1:1
		DWG NO.	009

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