



P.C.B LAYOUT

Technical Data

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

Electrical:

Current rating: 3Amps/contact max.
 Contact resistance: \leq 4m Ω /contact
 Insulation resistance: \geq 1000M Ω at V=100V
 Operating voltage: 60VAC/DC

Mechanical:

Average Insertion force with steel pin of ϕ : 0.432: $<$ 250g
 Average withdrawal force with steel pin of ϕ : 0.432: $>$ 70g
 Mechanical life cycle: min 200
 Operating temperature: $-$ 40 $^{\circ}$ C to +105 $^{\circ}$ C
 Soldering temperature: +255 $^{\circ}$ C

ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.	CHECK.	APPRO.
	A		NEW			

APPROVALS		DATE	深圳市联丰电子有限公司 SHENZHEN LINFENG ELECTRONIC CO.,LTD			
DRAWN	ZHIWEI.CHEN	2015.07.07	TITLE:	Double socket connector 2.54mm L=10.00mm H=3.0mm		
CHECKED			PART NO.	GP21-2521WV-2xNP-1000B		
APPROVALS			UNIT: mm	SCALE: 1:1	PROJ:	
TOLERANCES ARE		30 \sim 以上	\pm 0.30	ANGLE	\pm 2'	DRAWING NO.
		10 \sim 30	\pm 0.20			
		5 \sim 10	\pm 0.15			
		\sim 5	\pm 0.10			