



P.C.B LAYOUT

Technical Data
Material:
 Pin(outer sleeve): Brass, machined CuZn38Pb2
 Plating(outer sleeve):
 Tin Plated: $2\mu\text{m}/80\mu\text{m}^{\text{Ni}}, 5\mu\text{m}/200\mu\text{m}^{\text{Sn}}$
 Gold Plated: $2\mu\text{m}^{\text{Ni}}, 0.8\mu\text{m}^{\text{gold}}$
 Insulator: PPS UL94V-0
 Clip(Contact 4 Finger): Beryllium copper, heat teated

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

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

APPROVALS		DATE	深圳市联丰电子有限公司 SHENZHEN LIANFENG ELECTRONIC CO.,LTD			
DRAWN	ZHIWEI.CHEN	2015.07.07	TITLE:	Double socket connector 2.54mm L=5.40mm H=3.00		
CHECKED			PART NO.	GP21-2521VV-2xNP-0500B		
APPROVALS			UNIT: mm	SCALE: 1:1	PROJ:	
TOLERANCES ARE		30~以上	± 0.30	ANGLE		
		10~30	± 0.20			
		5~10	± 0.15			
		~ 5	± 0.10	$\pm 2^{\circ}$	DRAWING NO.	
						SHEET 1 OF 1