



P.C.B LAYOUT

Technical Data

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

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 life 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=4.20mm H=3.00mm		
CHECKED			PART NO.	GP21-2521WVS-2xNP-0420B		
APPROVALS			UNIT:	mm	SCALE:	1:1
TOLERANCES ARE		30 ^{以上}	±0.30	ANGLE	±2°	PROJ:
		10~30	±0.20			
		5~10	±0.15			
		~ 5	±0.10			
			DRAWING NO.			SHEET 1 OF 1