



P.C.B LAYOUT

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

**Electrical:**  
 Current rating: 3Amps/contact max.  
 Contact resistance: ≤ 4mΩ/contact  
 Insulation resistance: ≥1000MΩ at V=100V  
 Operating voltage: 60VAC/DC

**Mechanical:**  
 Average Insertion force with steel pin ofφ:0.432: <250g  
 Average withdrawal force with steel pin ofφ:0.432: >70g  
 Mechanical lige cycle:min 200  
 Operating temperature: -40°C to+105°C  
 Soldering temperature: +255°C

ECN NO.	REV.	DATE.	DESCRIPTION.
	A		NEW

APPROVALS		DATE	TITLE:	
DRAWN	ZHIWEI.CHEN	2015.07.07	Single row socket connector 2.54mm L=4.20mm	
CHECKED			PART NO.	GP21-2521WVS-NP-0420B
APPROVALS			UNIT: mm	SCALE: 1:1
TOLERANCES ARE		30~以上 ±0.30	ANGLE	PROJ:
		10~30 ±0.20	±2'	DRAWING NO.
		5~10 ±0.15		SHEET 1 OF 1
		~ 5 ±0.10		



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