



P.C.B LAYOUT

Technical Data
 Material: Brass, machined CuZn38Pb2
 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: $\leq 4m\Omega$ /contact
 Insulation resistance: $\geq 1000M\Omega$ at V=100V
 Operating voltage: 60VAC/DC

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

ECN NO.	REV.	DATE.	DESCRIPTION.
	A		NEW

APPROVALS		DATE	TITLE:		
DRAWN	ZHIWEI.CHEN	2015.07.07	Single row socket connector 2.54mm L=12.20mm 附件		
CHECKED			PART NO.	GP21-2521WV-NP-1220B	
APPROVALS			UNIT: mm	SCALE: 1:1	
TOLERANCES ARE		30 μ 以上 10~30 5~10 ~5	±0.30 ±0.20 ±0.15 ±0.10	ANGLE ±2°	PROJ:
CHANGE.	CHECK.	APPRO.	DRAWING NO.	SHEET 1 OF 1	

