



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, $5\mu\text{m}/200\mu$ Sn
 Gold Plated: $2\mu\text{m}/80\mu\text{m}$ Ni, 0.8μ 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 life cycle: min 200
 Operating temperature: -40°C to $+105^\circ\text{C}$
 Soldering temperature: $+255^\circ\text{C}$

ECN NO.	REV.	DATE.	DESCRIPTION.
	A		NEW

APPROVALS		DATE		
DRAWN	ZHIWEI.CHEN	2015.07.07	深圳市联丰电子有限公司 SHENZHEN LINBENYING ELECTRONIC CO.,LTD	
CHECKED			TITLE: Single row socket connector 2.54mm L=7.43mm	
APPROVALS			PART NO.	GP21-2521WV-NP-0743B
TOLERANCES ARE		ANGLE	UNIT: mm	SCALE: 1:1
30 ^{以上}	± 0.30			PROJ:
10~30	± 0.20	$\pm 2^\circ$		DRAWING NO.
5~10	± 0.15			SHEET 1 OF 1
~ 5	± 0.10			