

P.C.B LAYOUT

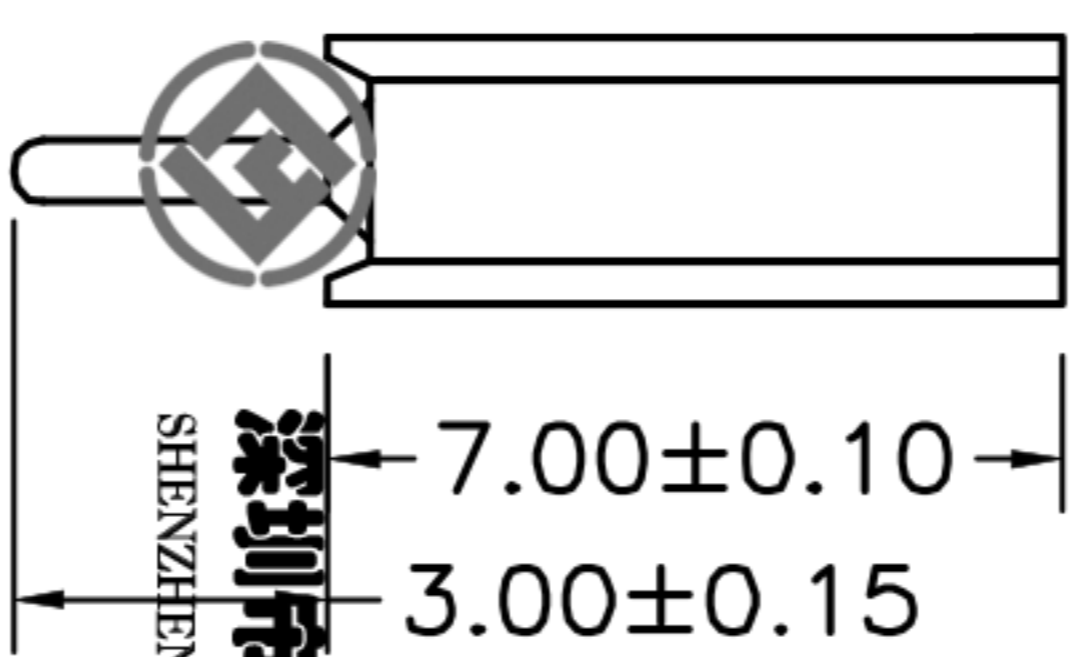
Technical Data
 Material:
 Pin(outer sleeve): Brass, machined CuZn38Pb2
 Plating(outer sleeve):

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 treated

Electrical:
 Current rating: 3Amps/contact max.
 Contact resistance: ≤ 4mΩ/contact

Operating Voltage: 60VAC/DC
 Contact resistance: ≥ 1000MΩ at V=100V

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



APPROVALS		DATE	TITLE:				
DRAWN	ZHIWEI.CHEN	2015.07.07	Single row socket connector 2.54mm L=10.00mm				
CHECKED			PART NO. GP21-2521WV-NP-1000B				
APPROVALS			SCALE: 1:1				
TOLERANCES ARE		30 [±] 以上	±0.30	ANGLE	UNIT: mm		
		10~30	±0.20		SCALE: 1:1		
		5~10	±0.15	±2°	PROJ.		
		~ 5	±0.10		DRAWING NO. _____		
ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.	CHECK.	APPRO.	SHEET 1 OF 1
	A		NEW				