



P.C.B LAYOUT

Technical Data
 Material: Brass,machined CuZn38Pb2
 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

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|---------|------|-------|--------------|
| ECN NO. | REV. | DATE. | DESCRIPTION. |
| | A | | NEW |

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|----------------|-------------|------------|------------------------------------|----------------------|
| APPROVALS | | DATE | TITLE: | |
| DRAWN | ZHIWEI.CHEN | 2015.07.07 | Single row socket connector 2.54mm | |
| CHECKED | | | L=12.0mm 90° | |
| APPROVALS | | | PART NO. | GP21-2521WR-NP-1200B |
| TOLERANCES ARE | | 30~以上 | ±0.30 | ANGLE |
| | 10~30 | ±0.20 | | UNIT: mm |
| | 5~10 | ±0.15 | | SCALE: 1:1 |
| | ~ 5 | ±0.10 | | PROJ: |
| | | | DRAWING NO. | SHEET 1 OF 1 |



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