



Technical Date

1. Material:

Pin (Outer Sleeve) Brass, Machined CuZn38Pb2

Plating (Outer Sleeve): Tin Plated: 2μm/80μ" N, 5μm/200μ" Sn

Gold Plated: 2μm/80μ" N, full gold

Insulator: FR4 UL94V-0

Clip (Contact 4 Finger): Beryllium copper, Heat Treated

2. Electrical: Current rating: 3Amps/Contact Max.

Current resistance: ≤ 4mΩ/contact

Insulation resistance: ≥ 1000MΩ at V=100V

Dielectric Withstanding Voltage: 1000 AV Min

Operating voltage: 60VAC/DC

3. Mechanical:

Average Insertion force with steel pin of φ0.31: < 60g

Average Insertion force with steel pin of φ0.31: > 15g

Operating Temperature: -40°C to +105°C

Soldering Temperature: +255°C

① PGA02 No of Positions
For Example: 121=11*11 Positions

② Pin Plated
A: No B: Tin 150 μ" C: Tin 200 μ"
G0: Gold flash G1: 3U" Gold
G2: 5u" Gold G3: 10u" Gold
G4: 15u" Gold G5: 30u" Gold

③ Clip Plated
0 No 1 Tin 150 μ"
2 Tin 200 μ" G0: Gold flash
G1: 3U" Gold
G2: 5u" Gold G3: 10u" Gold
G4: 15u" Gold G5: 30u" Gold

④ Packing: Tube
A: Tray D: Tape Reel
B: Bag

⑤ Insulator Color
A: Black C: White
B: Brown D: Yellow
E: Body F: Special

⑥ Pin Length Options
0.5*7.40MM

Unless Otherwise specified tolerance
X. ±0.35 X.XX: ±0.20
X.X: ±0.25 X.XXX: ±0.15

Antenk® ANTENK ELECTRONICS CO., LTD
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SCALE: As Shown	UNIT: mm
DRAW Wu Feng Rong	DATE 06/15/2021
CHECK BobYang	DATE 06/15/2021

TITLE:
Machined PGA Pin Grid Array Sockets 2.54x2.54mm 121P

3rd ANGLE PROJECTION

DRAWING NO: PGA07-XXXXXX

PRODUCT NO: PGA07-XXXXXX

REV	DESCRIPTION	DATE
1		
2		
3		
4		
5		