

4

3

2

1

REVISION DATA

REV	DESCRIPTION	DATE
A0	NEW DRAWING	2021-06-29

Technical Data

Material:

Pin(outer sleeve): Brass(C3604)

Clip(contact 6 finger): Beryllium copper(C17200)

Plating(outer sleeve):30~50 μ "Ni, 1 μ "GoldPlating(contact): 30~50 μ "Nickel, 1 μ "Gold

Insulator black(housing): FR-4

Electrical:

Current rating: 2Amps/contact max.

Contact resistance: $\leq 4m\Omega$ /contactInsulation resistance: $\geq 1000M\Omega$ at V=100V

Operating voltage: 60VAC/DC

Mechanical:

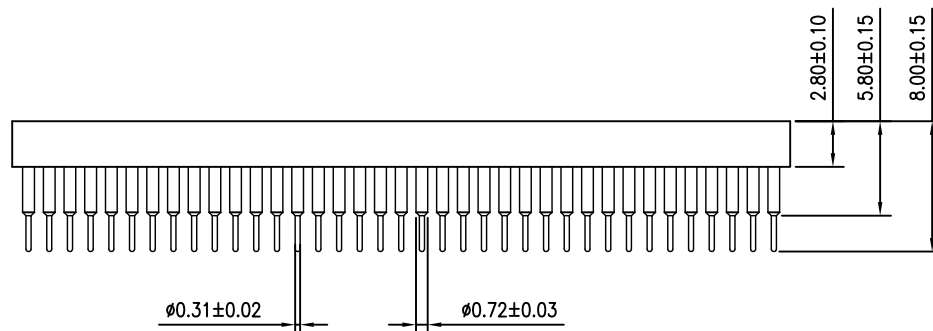
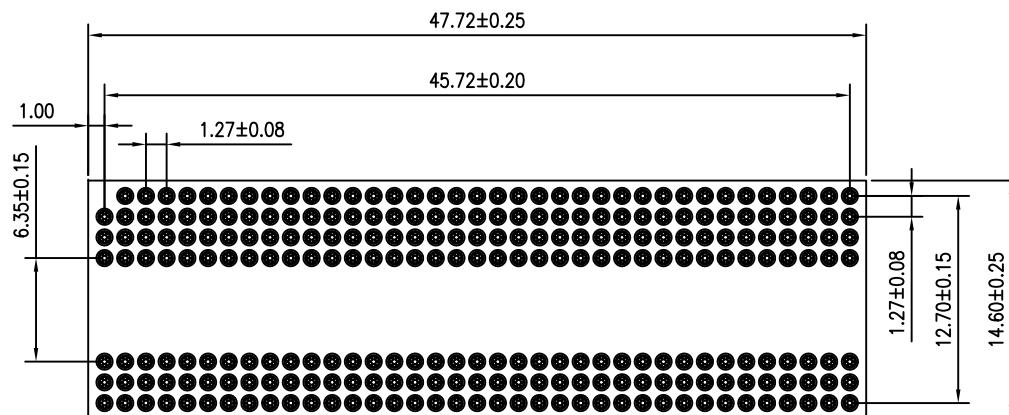
Average insertion force with steel pin of

 $\varnothing 0.31mm$: <60g

Average withdrawal force with steel pin of

 $\varnothing 0.31mm$: >20g min.

Mechanical life cycle:min.200

Operating temperatures: Gold Plated:-40 $^{\circ}C$ to +105 $^{\circ}C$ Reflow soldering temperature: 260 $\pm 5^{\circ}C$, 10s

PGA

258

2

1

3

3

0800A

1

A

Pkth(mm)	Insulator type	Pin plated	Clip Plated	Pin length(mm)	Insulator Color
1 1.0	1 FR-4	3 Gold1 μ "	3 Gold1 μ "	0800A 8.0mm	1 Black
2 1.27	2 PPS				
3 1.27x2.54					
4 1.778					
5 2.54					
6 1.60					

GSAMTEK® 东莞市广溯电子科技有限公司
DONGGUAN GUANG SU ELECTRONIC TECHNOLOGY CO.,LTD

TOLERANCE	PROJECTON		TITLE:
ANGLE $\pm 5^{\circ}$	DATE :	2021-06-29	1.27x1.27mmPitch PGA Socket 258 Pins Pin Length 8.0mm
X.XXX ± 0.10	DRAWN :	samtek	PART NO: PGA25821330800A1A
X.XX ± 0.20	CHECKED :		DRAWING NO:
X.X ± 0.30	APPROVED :		REV: A0 UNIT: mm SCALE: 1:1 SIZE: A4
X. ± 0.50			

4

3

2

1