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REVISION DATA

REV	DESCRIPTION	DATE
A0	NEW DRAWING	2022-05-11

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.

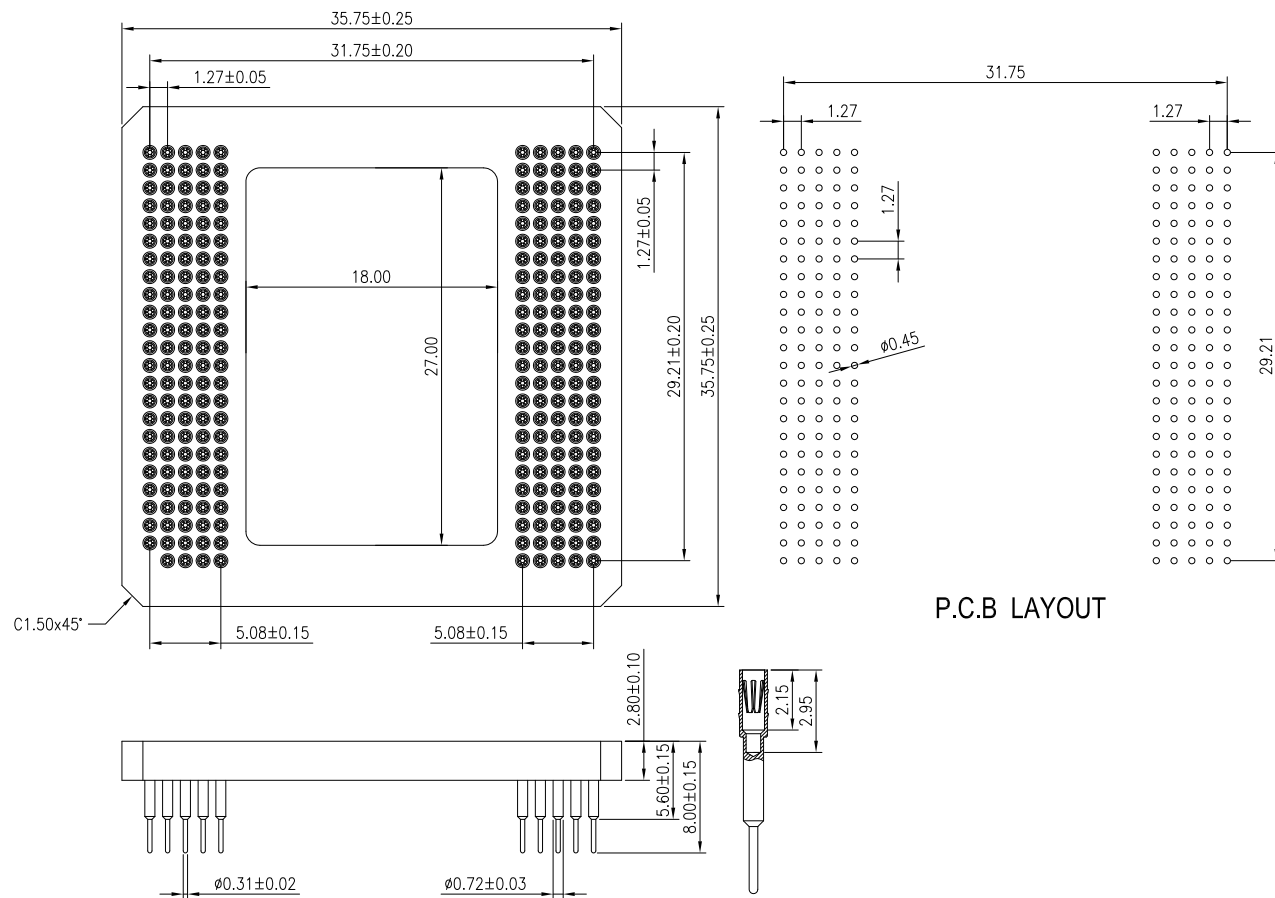
Contact resistance: $\leq 4\text{m}\Omega$ /contactInsulation resistance: $\geq 1000\text{M}\Omega$ at V=100V

Operating voltage: 60VAC/DC

Mechanical:

Average insertion force with steel pin of $\varnothing 0.31\text{mm}$: <60gAverage withdrawal force with steel pin of $\varnothing 0.31\text{mm}$: >20g min.

Mechanical life cycle:min.200

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

P.C.B LAYOUT

PGA

239

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0800A

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Pitch(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 :	2022-05-19	1.27x1.27mmPitch PGA Socket 239 Pins Pin Length 8.0mm
X.XXX ± 0.10	DRAWN :	samtek	PART NO: PGA23921330800A1A
X.XX ± 0.20	CHECKED :		DRAWING NO:
X.X ± 0.30	APPROVED :		REV: A0 UNIT: mm SCALE: 1:1 SIZE: A4
X. ± 0.50			

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