



P.C.B LAYOUT

REVISION DATA

REV	DESCRIPTION	DATE
A0	NEW DRAWING	2022-07-11

Technical Data

Material:

Pin(outer sleeve): Brass(C3604)  
 Clip(contact 6 finger): Beryllium copper(C17200)  
 Plating(outer sleeve):30~50μ"Ni, 1μ"Gold  
 Plating(contact): 30~50μ"Nickel, 1μ"Gold  
 Insulator black(housing): FR-4

Electrical:

Current rating: 1Amps/contact max.  
 Contact resistance: ≤4mΩ/contact  
 Insulation resistance: ≥1000MΩ at V=100V  
 Operating voltage: 60VAC/DC

Mechanical:

Average insertion force with steel pin of ∅0.31mm: <60g  
 Average withdrawal force with steel pin of ∅0.31mm: >20g min.  
 Mechanical life cycle:min.200  
 Operating temperatures: Gold Plated:-40°C to +105°C  
 Reflow soldering temperature: 260±5°C, 10s

PGA

095

2	1	3	3	0440A	N	A
Pitch(mm) 1 1.0 2 1.27 3 1.27x2.54 4 1.778 5 2.54 6 1.60	Insulator type 1 FR-4 2 PPS	Pin plated 3 Gold1μ"	Clip Plated 3 Gold1μ"	Pin length(mm) 0440A 4.4mm	Insulator Color N Nature	

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 DONGGUAN GUANG SU ELECTRONIC TECHNOLOGY CO.,LTD

TOLERANCE	PROJECTON		TITLE: 1.27x1.27mmPitch PGA Socket 095 Pins Pin Length 4.4mm
ANGLE ±5°	DATE :	2022-07-11	PART NO: PGA09521330440ANA
X.XXX ±0.10	DRAWN :	samtek	DRAWING NO:
X.XX ±0.20	CHECKED :		REV: A0 UNIT: mm SCALE: 1:1 SIZE: A4
X.X ±0.30	APPROVED :		
X. ±0.50			