



REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	2018-08-22

## Technical Data

Material:  
 Pin(outer sleeve): Brass,machined CuZn38Pb2  
 Clip(contact 4 finger): Beryllium copper,heat treated  
 Plating(outer sleeve):  
 Tin plated:2μm/80μ"Ni, 5μm/200μ"Sn  
 Plating(contact): 2μm/80μ"nickel, Gold10μ"  
 Insulator black(housing): FR-4 or PPS (UL94V-0)

Electrical:  
 Current rating: 2Amps/contact max.  
 Contact resistance: ≤4mΩ/contact  
 Insulation resistance: ≥1000MΩ at V=100V  
 Operating voltage: 60VAC/DC

Mechanical:  
 Average insertion force with steel pin of  
 Ø0.43mm/0.017": <150g  
 Average withdrawal force with steel pin of  
 Ø0.43mm/0.017": >50g min.  
 Mechanical life cycle:min.200  
 Operating temperatures: Gold Plated:-55°C to+105°C  
 Tin plated:-40°C to+105°C  
 Reflow soldering temperature: 260±5°C,10s

<b>PGA</b>	<b>068</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>5</b>	<b>0445A</b>	<b>1</b>	<b>A</b>	
Pitch(mm)		Insulator type		Pin plated		Clip Plated		Pin length(mm)	
1	1.0	1	FR-4	2	TIn200μ"	5	Gold10μ"	0445A	4.45
2	1.27	2	PPS						
3	1.27*2.54								
4	1.78								
5	2.54								
								Insulator Color	
								1 Black	

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

TOLERANCE	PROJECTON		TITLE: 1.78mmPitch PGA Socket 068 Pins Pin Length 4.45mm
ANGLE ±5°	DATE :	2018-08-22	PART NO: PGA06841250445A1A
X.XXX ±0.10	DRAWN :	samtek	
X.XX ±0.20	CHECKED :		DRAWING NO:
X.X ±0.30	APPROVED :		REV: A0
X. ±0.50			UNIT: mm
			SCALE: 1:1
			SIZE: A4