SIGN	DATE	DESCRIPTION	APPROVER
⚠			

THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!

Technical Data:

Material:

- Pin (outer sieeve) : Brass,machined, CuZn38Pb2
- Clip (contact 6 finger) : Beryllium copper,heat traeted
- Plating(outer sleeve) : Tin plated:2um/80u"nickel,5um/200u"Tin
  Gold plated:2um/80u"nickel,Full gold
- Plating(contact) : 2um/80u"nickel,gold or Tin plating
- Insulator body(housing) : Polyamide(Glass filled)(UL94V-0)

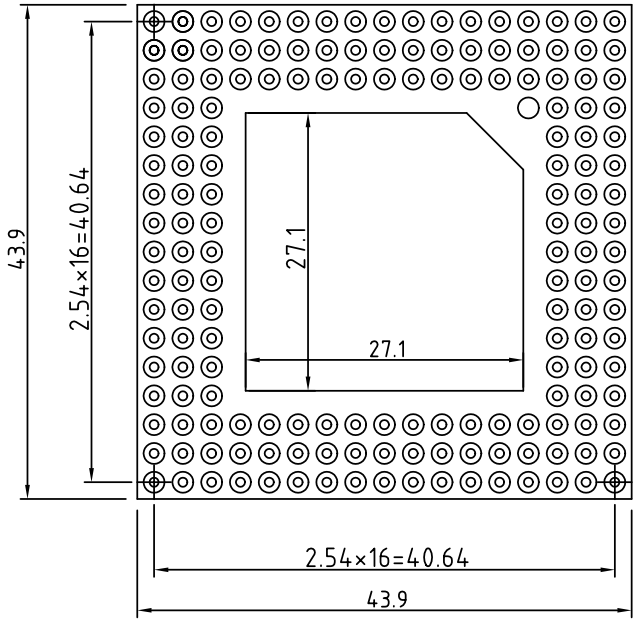
Electrical

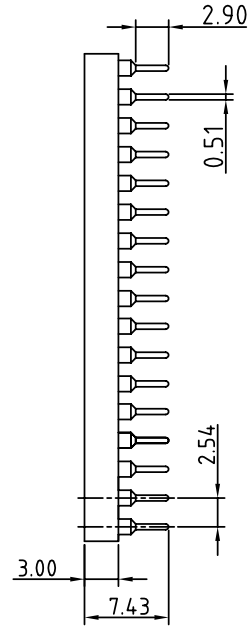
Current rating: 3 Amps/contact max

- Contact resistance : <4mΩ/contact
- Insulation resistance: >1000MΩ at V=100v
- Operating : 60 VAC/DC
- Minimum creepage distance:0.67mm
- Capacity beteen two pins by side:0.6uF MIL-202-F305
- Capacity beteen two opposite pins:0.6uF MIL-202-F305

Mechanical:

- Average press fit of pin in insulator body:58N
- Average press fit of clip in pin:65N
- Average insertion force : <80g
  with steel pin of Φ0.43mm/0.017"
- Average withdrawal force : >15g
  with steel pin of Φ0.43mm/0.017"
- Min.insertion depth with positive contact :2.6mm
- Plug in range of male contact:Min Φ0.41mm MaxΦ0.56
- Mechanical life cycle.(No.of insulator and:100
  withdrawal cycle with steel pin Φ0.41mm)
- Operating temperature: Gold plated:-55°C to +125°C
- (continuous) Tin plated:-40°C to +105°C
- Soldering temperture : +260°C,10s max.
- Solderability: IEC 68-2-20 MIL-202 M208
- Shock:Electrical discontinuities and other :<50ns IEC 68-2-27 MILSTD 202E
  damage noted after acceleration of 10×200g no other damage
- Vibration:Electrical discontinuities and:<50ns,IEC 68-2-6 MIL-s-83505
  damage noted after vibration with no other damage
  10-2000Hz,20g,1h
- Humidity withstanding of contact:<3mΩ
  Maximum increase of contact resistance
  after 21 days,40°C,93%RH
  Salt spray withstanding of contacts:<3mΩ
- Maximum increase of contact resistance IEC 68-2-11 MIL-7344-A 1001.1
  after 48h,35°C,5%NaCl
- Thermal shock withstanding of contacts:<3mΩ IEC 68-2-14
- Maximum increase of contact resistanc
  after 4 cycles -10°C to +85°C,1h/cycle
- Resistance against detergents:IEC 68-2-45
- Polarization:A slight curve on the top
  left-hand corner of the socket body





PGA 17X17 Contact:168 pin

Footprint : 28

ANYTEK

CUSTOMER COPY

TITLE	SH Series 168 17×17成品				
PART NO.	SHH280000000G			DWG NO.	SH0038
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.	Tolerance
		Seamus 2004.11.22	Aaron 2004.11.20	UNIT: mm SCALE: NONE SHEET: 01/01 REV.: B	X. ±0.50 X.X ±0.30 X.XX ±0.10 X° ±1°