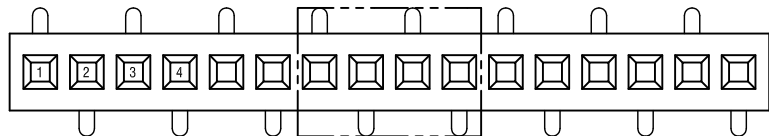


4

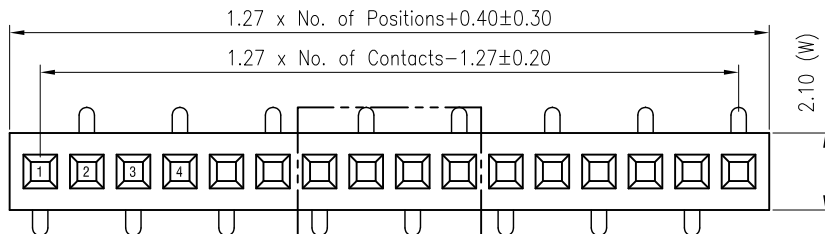
3

2

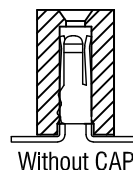
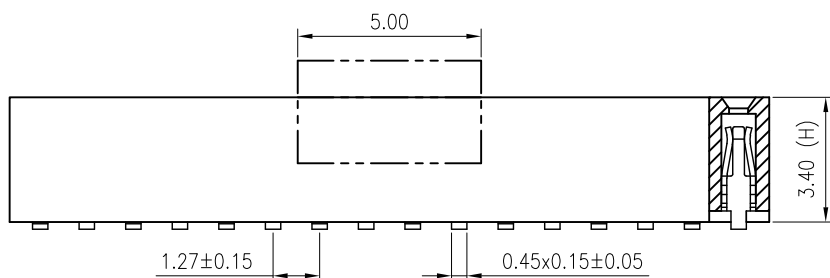
1



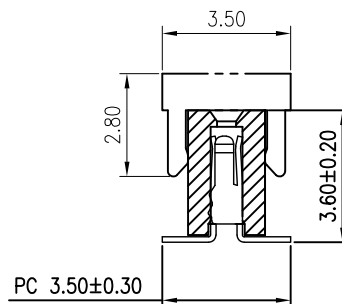
SMT B Type



SMT A Type



Without CAP



With CAP

## Specification

### Material:

Contact Material: Phosphor Bronze

Contact plating: Au or Sn Over 30-50u" Ni

Insulator Material: Black Polyester UL94V-0

Standard: PA6T/PA9T/LCP + 30%G.F

### Electrical:

Current rating: 1.0Amps/contact max.

Contact resistance:  $\leq 20\text{m}\Omega/\text{contact}$

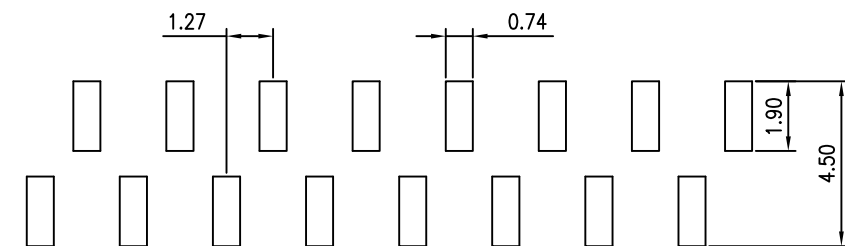
Insulation resistance:  $\geq 500\text{M}\Omega$  at  $V=100\text{V}$

Withstanding Voltage: 300V AC/minute

### Mechanical:

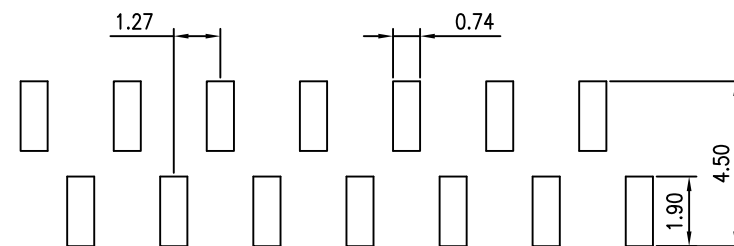
Operating temperature:  $-40^{\circ}\text{C}$  to  $+105^{\circ}\text{C}$

Reflow soldering temperature:  $260 \pm 5^{\circ}\text{C}$ , 10s



P.C.B LAYOUT (A Type)

PROJECT	PW (mm)
Standard	3.5
Specified	



P.C.B LAYOUT (B Type)

FC03	1XX1	X	XX	P	X	B	N	X	X00
Product Descriptions FC03 H3.4	No. of Positions 03-50P	Angle Type A SMT A Type B SMT B Type	Contact Plated SN Tin120u" MT 雾锡120u" GF Gold 0.8u" G1 Au1u" G3 Au3u" G4 Au5u" G6 Au10u" G7 Au15u" G8 Au30u" GA Au1.5u" S1 半金锡1u"	Contact Material P Phosphor Bronze	Insulator Material C PA6T E PA9T F LCP	Insulator Color B Black	Insulator Feature N Without Peg	Packing Options C PVC Box D Tube E Tube+CAP F Tape Reel G Reel+CAP H Tube+Mylar I Reel+Mylar	Series No. X00 PW3.5mm

**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 :	2017-09-08	单排SMT A/B Type排母 PH1.27 H3.4 U型 PW3.5
X.XXX $\pm 0.10$	DRAWN :	SAMTEK	PART NO. FC031XX1XXXPBNX00
X.XX $\pm 0.20$	CHECKED :		DRAWING NO.
X.X $\pm 0.30$	APPROVED :		REV: A0 UNIT: mm SCALE: 3:1 SIZE: A4
X. $\pm 0.50$			