

REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	2019-02-27

Specification

Material:

Contact Material: Brass

Contact plating: Au or Sn Over30-50u" Ni

Insulator Material: Black Polyester UL94V-0

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

Electrical:

Current rating: 3.0Amps/contact max.

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

Insulation resistance: $\geq 1000\text{M}\Omega$ at $V=100\text{V}$

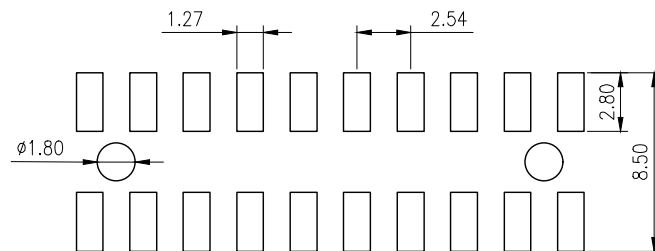
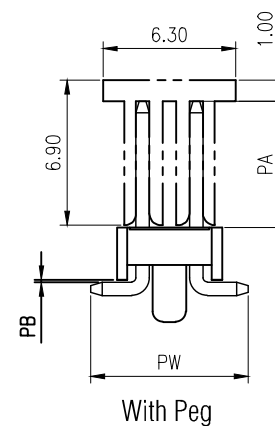
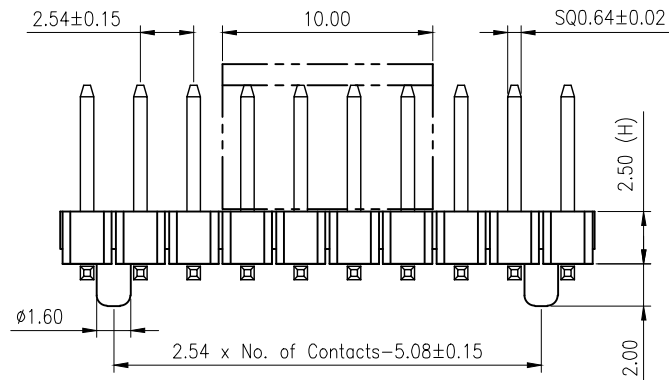
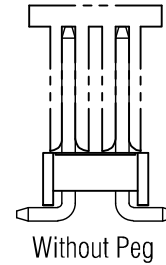
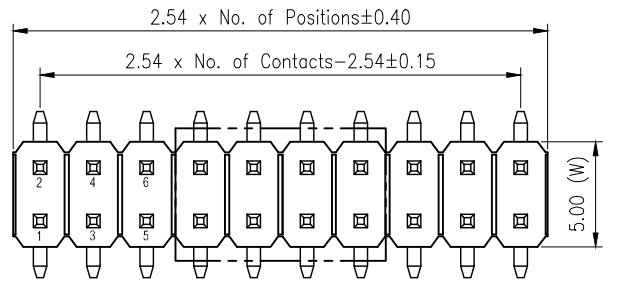
Withstanding Voltage: 1000V AC/minute

Mechanical:

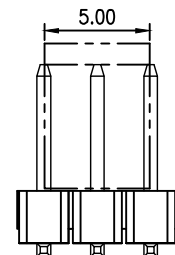
Operating temperature: -40°C to $+105^{\circ}\text{C}$

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

PROJECT	PA (mm)	PB (mm)	PW (mm)
Standard	6.00	0	7.50
Specified			



P.C.B LAYOUT



2x2~2x3Pin (CAP)

PF05	2XX1	S	XX	X	B	N	X	SXXX
Product Descriptions PF05 H2.5 W5.0	No. of Positions 02-40P	Angle Type S SMT 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"	Insulator Material C PA6T E PA9T F LCP	Insulator Color B Black	Insulator Feature N Without Peg W With Peg	Packing Options A PE Bag B Tray C PVC Box D Tube E Tube+CAP F Tape Reel G Reel+CAP	Series No. SXXX L=PA+PB+H+(PW-2.54)/2

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: 2019-02-27	双排SMT排针 PH2.54 H2.5 系列图
X.XXX ± 0.10	DRAWN: SAMTEK	PART NO. PF052XX1SXXXBNXSXXX
X.XX ± 0.20	CHECKED:	DRAWING NO.
X.X ± 0.30	APPROVED:	REV: A0 UNIT: mm SCALE: 3:1 SIZE: A4
X. ± 0.50		

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Electrical:

Current rating: 3.0Amps/contact max.

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

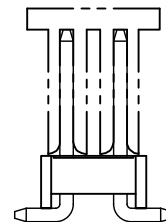
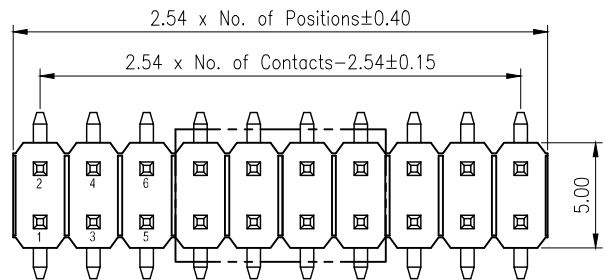
Insulation resistance: $\geq 1000\text{M}\Omega$ at $V=100\text{V}$

Withstanding Voltage: 1000V AC/minute

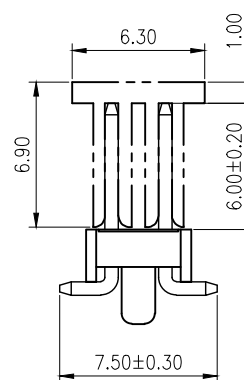
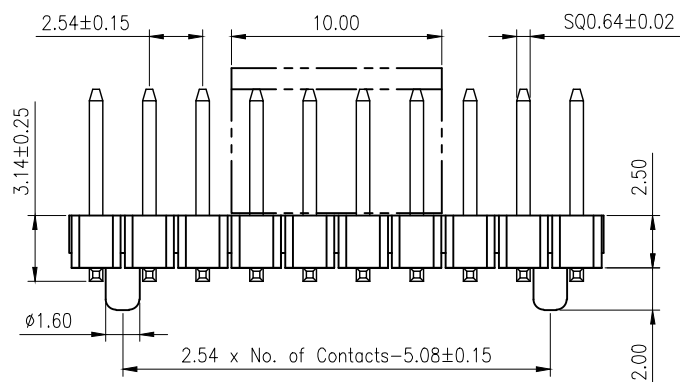
Mechanical:

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

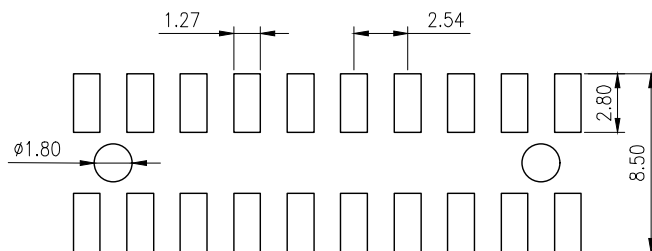
Reflow soldering temperature: $260\pm 5^{\circ}\text{C}, 10\text{s}$



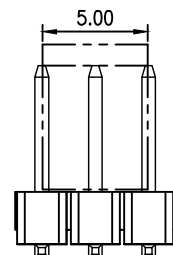
Without Peg



With Peg



P.C.B LAYOUT



2x2~2x3Pin (CAP)

PF05	2XX1	S	XX	X	B	N	X	S024
Product Descriptions PF05 H2.5 W5.0	No. of Positions 02-40P	Angle Type S SMT 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"	Insulator Material C PA6T E PA9T F LCP	Insulator Color B Black	Insulator Feature N Without Peg W With Peg	Packing Options A PE Bag B Tray C PVC Box D Tube E Tube+CAP F Tape Reel G Reel+CAP	Series No. S024 L11.0 PA6.0 PB0 PW7.5

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TOLERANCE	PROJECTON	TITLE:
ANGLE $\pm 5^{\circ}$	DATE : 2019-02-27	双排SMT排针 PH2.54 H2.5 L11.0 PA6.0 PB0 PW7.5
X.XXX ± 0.10	DRAWN : SAMTEK	PART NO. PF052XX1SXXXBNXS024
X.XX ± 0.20	CHECKED :	DRAWING NO.
X.X ± 0.30	APPROVED :	REV: A0 UNIT: mm SCALE: 3:1 SIZE: A4
X. ± 0.50		