



P.C.B LAYOUT

REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	2015-03-02

## Specification

Material:

Contact Material: C2680

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

Insulator Material: Black Polyester UL94V-0

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

Electrical:

Current rating: 3.0Amps/contact max.

Contact resistance:  $\leq 20m\Omega$ /contact

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

Withstanding Voltage: 1000V AC/minute

Mechanical:

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

Wave soldering temperature:  $255 \pm 5^{\circ}C, 10s$

PROJECT	PB(mm)	PC (mm)
Standard	1.10	3.20
Specified		

FF14	2XX1	R	XX	B	X	B	N	X	R00
Product Descriptions FF14 H8.5 W5.0	No. of Positions 02-40P	Angle Type R Right Angle	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 B C2680	Insulator Material C PA6T E PA9T F LCP	Insulator Color B Black	Insulator Feature N Without Peg	Packing Options A PE Bag B Tray C PVC Box D Tube	Series No. R00 PC3.20mm

**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 :	2015-03-02	双排90度排母 PH2.54 H8.5 Y型 PB1.1 PC3.2
X.XXX $\pm 0.10$	DRAWN :	SAMTEK	PART NO. FF142XX1RXXBXBNXR00
X.XX $\pm 0.20$	CHECKED :		DRAWING NO.
X.X $\pm 0.30$	APPROVED :		REV: A0 UNIT: mm SCALE: 3:1 SIZE: A4
X. $\pm 0.50$			