



Recommend P.C. Board layout

Material: PBT+30%GF UL 94V-0  
 Pin brass gold flash  
 Mate with 254G3 Series pin header  
 Current rating: 2.5A AC, DC  
 Voltage rating: 250V AC, DC  
 Contact resistance: 30mΩ MAX  
 Insulation resistance: 1000MΩ Min  
 Withstanding voltage: 1500V AC/Minute  
 Temperature range: -25°C to +85°C

POLES	PART NO.	DIMENSIONS(mm)		POLES	PART NO.	DIMENSIONS(mm)	
		A	B			A	B
4	254G3-2FV04	5.58	2.54	46	254G3-2FV46	58.92	55.88
6	254G3-2FV06	8.12	5.08	48	254G3-2FV48	61.46	58.42
8	254G3-2FV08	10.66	7.62	50	254G3-2FV50	64.00	60.96
10	254G3-2FV10	13.20	10.16	52	254G3-2FV52	66.54	63.50
12	254G3-2FV12	15.74	12.70	54	254G3-2FV54	69.08	66.04
14	254G3-2FV14	18.28	15.24	56	254G3-2FV56	71.62	68.58
16	254G3-2FV16	20.22	17.18	58	254G3-2FV58	74.76	71.72
18	254G3-2FV18	23.36	20.32	60	254G3-2FV60	76.70	73.66
20	254G3-2FV20	25.90	22.86	62	254G3-2FV62	79.24	76.20
22	254G3-2FV22	28.44	25.40	64	254G3-2FV64	81.78	78.74
24	254G3-2FV24	30.98	27.94	66	254G3-2FV66	84.32	81.28
26	254G3-2FV26	33.52	30.48	68	254G3-2FV68	86.86	83.82
28	254G3-2FV28	36.06	33.02	70	254G3-2FV70	89.40	86.36
30	254G3-2FV30	38.60	35.56	72	254G3-2FV72	91.94	88.90
32	254G3-2FV32	41.14	38.10	74	254G3-2FV74	94.48	91.44
34	254G3-2FV34	43.68	40.64	76	254G3-2FV76	97.02	93.98
36	254G3-2FV36	46.22	43.18	78	254G3-2FV78	99.56	96.52
38	254G3-2FV38	48.76	45.72	80	254G3-2FV80	102.10	99.06
40	254G3-2FV40	51.30	48.26	82	254G3-2FV82	104.64	101.60
42	254G3-2FV42	53.84	50.80	84	254G3-2FV84	107.18	104.14
44	254G3-2FV44	56.38	53.34	86	254G3-2FV86	109.72	106.68

Third angle projection



Units: mm

General Dimension Tolerance

XX ±0.25  
 XXX ±0.1  
 XXXX ±0.08

Rev	Description/Date	Drawn By: Storm.li	Customer:
△		Checked By: Simmon	Part No.: 254G3-2FVXX
△		Approved By: Tony	Title: 2.54mm pitch female header

SGS Report No.:

1 2 3 4 5 6 7 8 9 10 11 12 13 14