

# Engineer Drawing

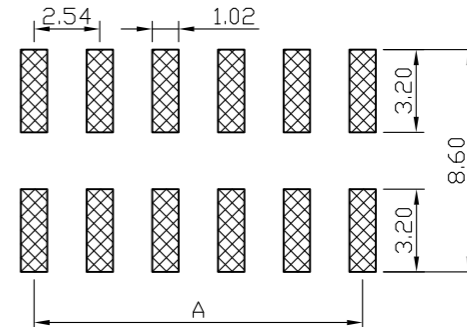
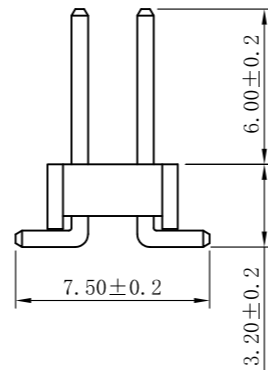
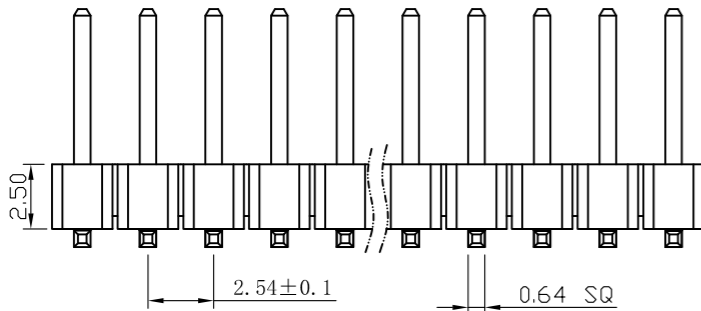
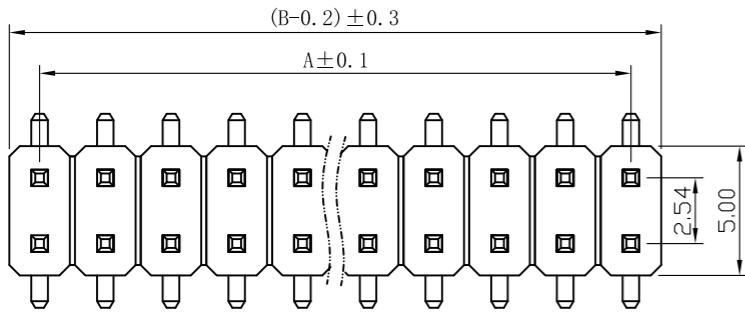
## SPECIFICATIONS

Current Rating: 3Amps  
 Insulation Resistance: 1000MΩ Min  
 Contact Resistance: 20mΩ Max  
 Withstanding Voltage: AC 1000V  
 Operation Temperature: -40° to +105°  
 Contact Material: Brass  
 Standard: PA6T  
 Insulator Material: Polyester (UL 94V-0)  
 Contact Plating: Gold Flash  
 Max. Processing Temp: 240° C for 30-60 seconds  
 (260° C for 5 seconds)

**IPCP 254 M XX X X XX X**

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Series Type                      ⑤ Material Code  
 ② Pitch                                ⑥ Appearance Code  
 ③ Connector Code                  ⑦ Serial Code  
 ④ Pin Code                            ⑧ Other Code



RECOMMEND P. C. B LAYOUT  
PCB TOLERANCE:  $\pm 0.05$  (TOP VIEW)

No. of	DIM. A	DIM. B	No. of	DIM. A	DIM. B	No. of	DIM. A	DIM. B	No. of	DIM. A	DIM. B
1	0.00	2.54	11	25.40	27.94	21	50.80	53.34	31	76.20	78.74
2	2.54	5.08	12	27.94	30.48	22	53.34	55.88	32	78.74	81.28
3	5.08	7.62	13	30.48	33.02	23	55.88	58.42	33	81.28	83.82
4	7.62	10.16	14	33.02	35.56	24	58.42	60.96	34	83.82	86.36
5	10.16	12.70	15	35.56	38.10	25	60.96	63.50	35	86.36	88.90
6	12.70	15.24	16	38.10	40.64	26	63.50	66.04	36	88.90	91.44
7	15.24	17.78	17	40.64	43.18	27	66.04	68.58	37	91.44	93.98
8	17.78	20.32	18	43.18	45.72	28	68.58	71.12	38	93.98	96.52
9	20.32	22.86	19	45.72	48.26	29	71.12	73.66	39	96.52	99.06
10	22.86	25.40	20	48.26	50.80	30	73.66	76.20	40	99.06	101.60

TOLERANCES:  
 X:  $\pm 0.30$   
 X.X:  $\pm 0.25$   
 X.XX:  $\pm 0.20$   
 GENERAL ANGLE  
 X°:  $\pm 5^\circ$   
 X.X°:  $\pm 1^\circ$   
 X.XX°:  $\pm 0.5^\circ$

**ncp**

[www.i-ncp.com](http://www.i-ncp.com)

PART NO:  
 IPCP254M xx 28S  
 DRAWING NO  
 IPCP254M28S

NAME:  
 2.54PH H2.5 2xnPin SMT  
 PC7.5 PA6.0 PB3.2 L11.0 6T

☞ SHEET 1 OF 1

UNITS:mm SCALE:1:1 REV:01