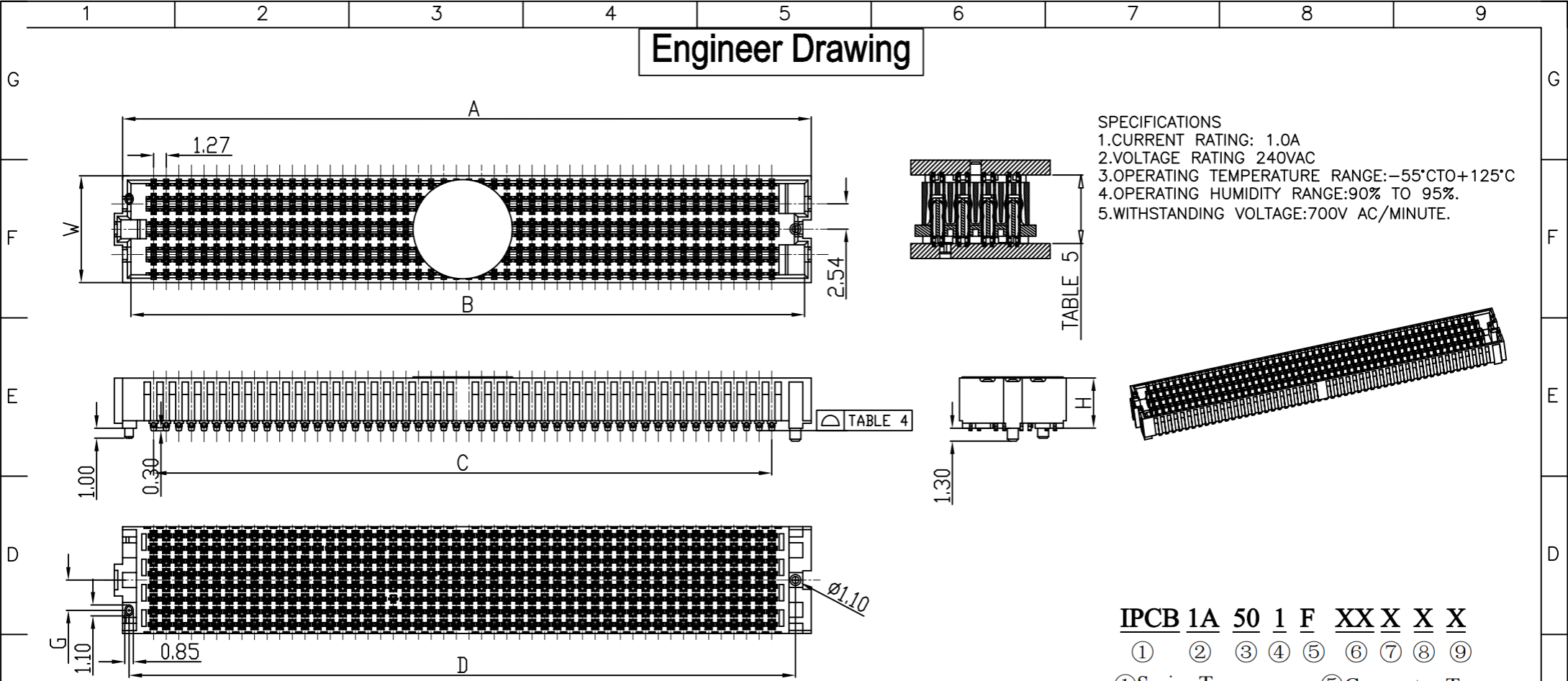


# Engineer Drawing



**SPECIFICATIONS**  
 1.CURRENT RATING: 1.0A  
 2.VOLTAGE RATING 240VAC  
 3.OPERATING TEMPERATURE RANGE:-55°C TO +125°C  
 4.OPERATING HUMIDITY RANGE:90% TO 95%.  
 5.WITHSTANDING VOLTAGE:700V AC/MINUTE.

TABLE 1	
HEIGHT	H
5.0	5.05
6.0	6.05
6.5	6.55
7.5	7.54

TABLE 2		
ROWS	W	G
4	5.66	2.01
5 OR 6	8.20	3.05
8	10.74	3.05
10	13.28	3.05
12	15.82	3.05
14	18.36	3.05

TABLE 4	
POSITION	COPLANARITY
10 PIN	0.15
30 PIN	0.20
40 PIN	0.23
50 PIN	0.23

TABLE 5 STACK HEIGHT				
	5.0	6.0	6.5	7.5
2.0	7.00	8.00	8.50	9.50
3.0	8.00	9.00	9.50	10.50
3.5	8.50	9.50	10.00	11.00
5.5	NA	NA	12.00	NA

TABLE 3				
No OF ROWS	A	B	C	D
10	18.52	17.02	11.43	16.28
15	24.87	23.37	17.78	22.63
19	29.95	28.45	22.86	27.71
20	31.22	29.72	24.13	28.98
25	37.57	36.07	30.13	35.33
30	43.92	42.42	36.83	41.68
40	56.62	55.12	49.53	54.38
50	69.32	67.82	62.23	67.08

**IPCB 1A 50 1 F XX X X X**

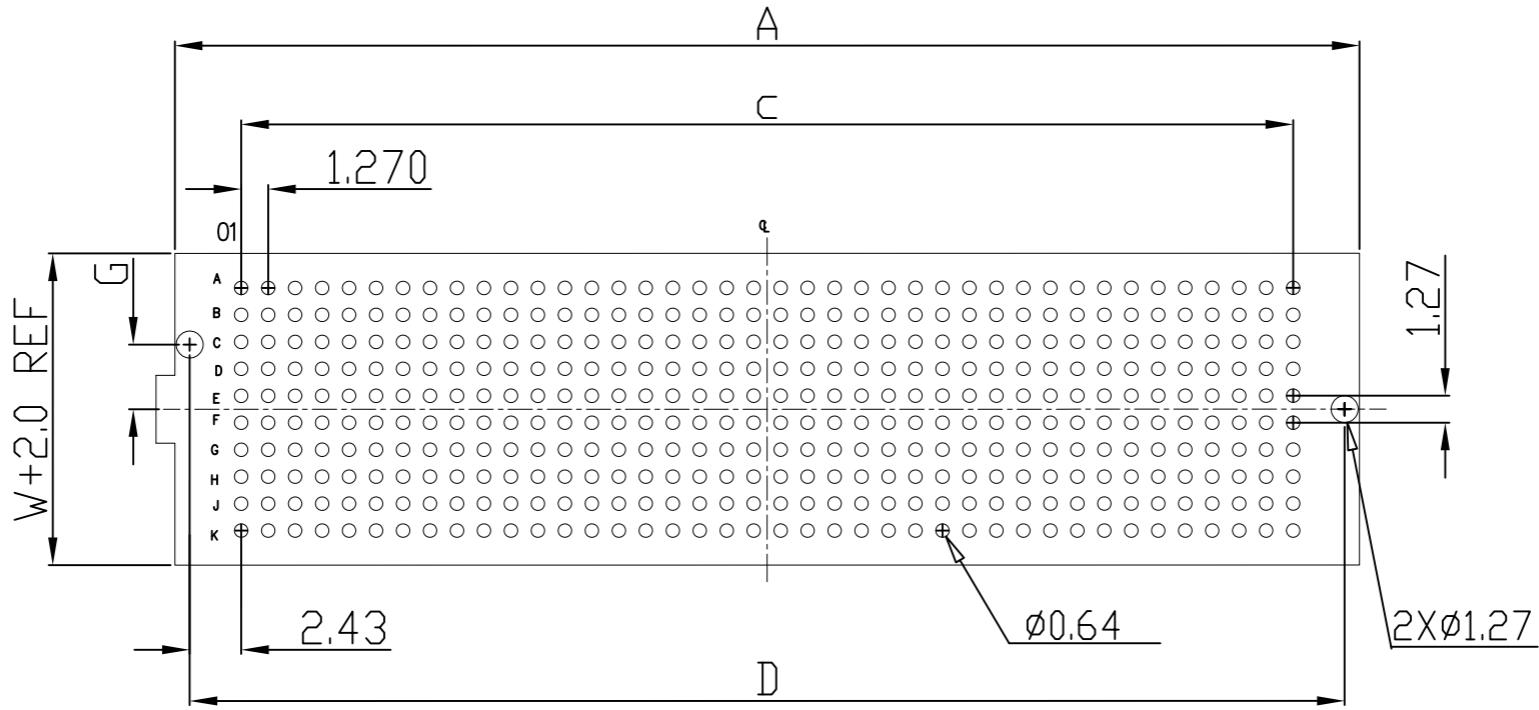
- ① Series Type
- ② Pitch: 1.27mm
- ③ Height
- ④ Internal Code
- ⑤ Connector Type
- ⑥ Pin Code
- ⑦ Rows Code
- ⑧ Serial Code
- ⑨ Other Code

**TOLERANCES:**  
 X.X=±0.35  
 X.XX=±0.25  
 X.XXX=±0.10  
 GENERAL ANGLE  
 X°=±1°



	<a href="http://www.i-ncp.com">www.i-ncp.com</a>
PART NO: IPC <u>B</u> 1A501F <u>xx</u> 7V	NAME: 1.27PH H5.0 BTB FEMALE
DRAWING NO IPC <u>B</u> 1A501F07V	
SHEET 1 OF 2	UNITS:mm SCALE:1:1 REV.01



# Engineer Drawing



Recommended PC board pattern  
(TOP VIEW)

<b>TOLERANCES:</b> X.X=±0.35 X.XX=±0.25 X.XXX=±0.10 <b>GENERAL ANGLE</b> X°=±1°		<a href="http://www.i-ncp.com">www.i-ncp.com</a>	
	PART NO: IPCB1A501Fxx 7V	NAME: 1.27PH H5.0 BTB FEMALE	
	DRAWING NO IPCB1A501F07V		
 SHEET 2 OF 2		UNITS:mm SCALE:1:1 REV.01	

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