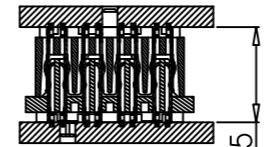
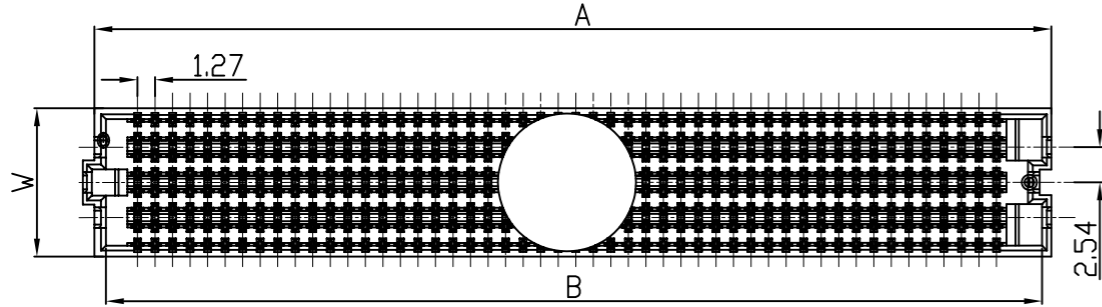


Engineer Drawing



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.

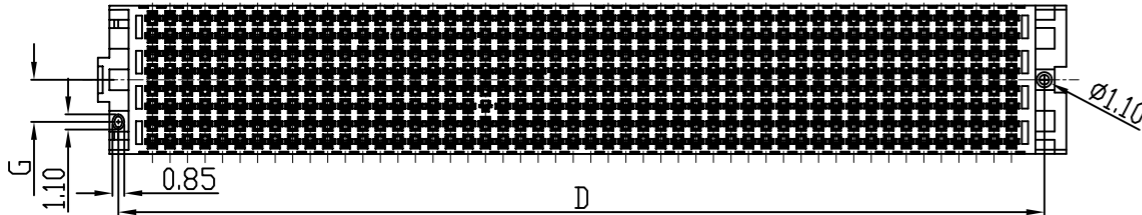
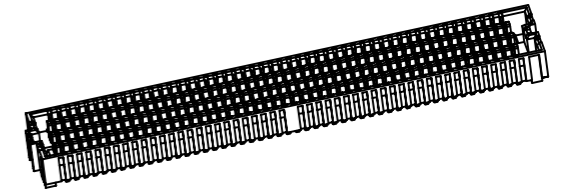
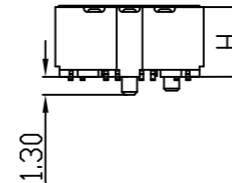
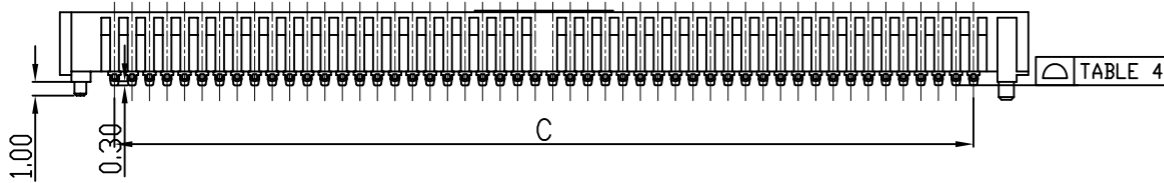


TABLE 2		
ROWS	W	G
4	5.66	2.01
5 OR 6	8.20	3.05
8	10.74	3.05
10	13.28	3.05
12	15.82	3.05
14	18.36	3.05

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

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



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

IPCB 1A 50 1 F XX X X X

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

NCP

www.i-ncp.com

PART NO:
IPCB1A501Fxx 7V

NAME:
1.27PH H5.0 BTB FEMALE

DRAWING NO
IPCB1A501F07V

SHEET 1 OF 2

UNITS:mm SCALE:1:1 REV.01

Engineer Drawing

The drawing shows a rectangular PCB pattern with a grid of circular holes. Key dimensions include:
- Overall width: A
- Overall height: B
- Hole pitch: C
- Hole diameter: $\phi 0.64$
- Distance from left edge to first hole column: 1.270
- Distance between hole columns: 2.43
- Distance from right edge to last hole column: 1.27
- Total distance from left edge to last hole column: W+2.0 REF
- Grid labels: A through K vertically, 01 horizontally.

Recommended PC board pattern
(TOP VIEW)

TOLERANCES: X.X=±0.35 X.XX=±0.25 X.XXX=±0.10 GENERAL ANGLE X°=±1°		www.i-ncp.com
	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	

Recommended PC board pattern

(TOP VIEW)

TOLERANCES: X.X=±0.35 X.XX=±0.25 X.XXX=±0.10 GENERAL ANGLE X°=±1°		www. i-ncp. com
	PART NO: PCB1A501Fxx 7V	NAME: 1.27PH H5.0 BTB FEMALE
	DRAWING NO PCB1A501F07V	
	 SHEET 2 OF 2	UNITS:mm SCALE:1:1 REV.01