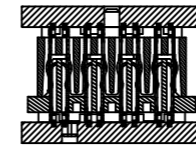
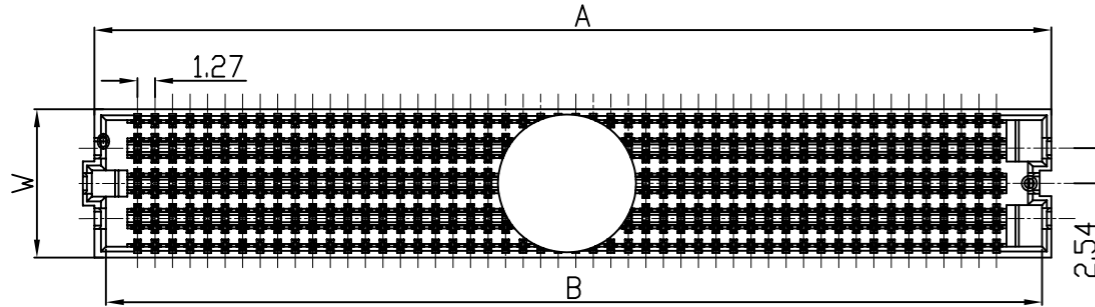
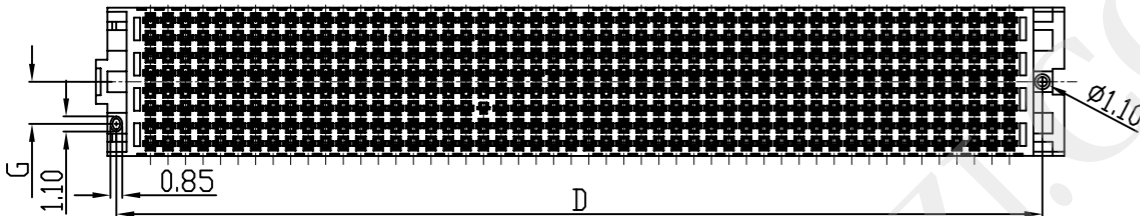
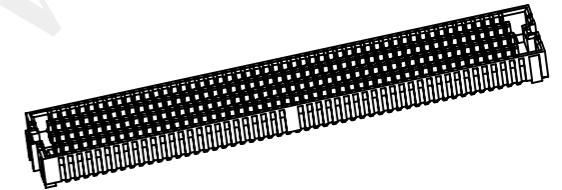
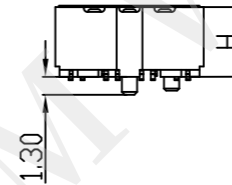
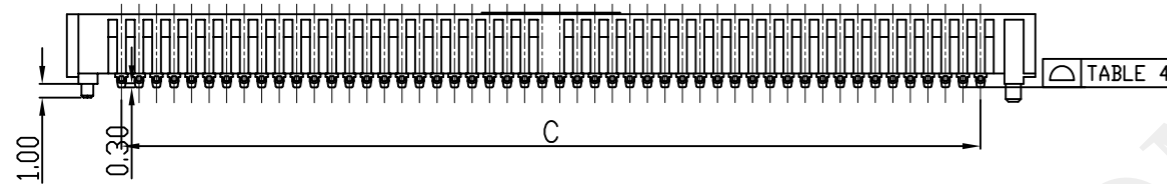


Engineer Drawing



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.



IPCB 1A 50 1 F XX X X X

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series Type
- ② Pitch: 1.27mm
- ③ Height
- ④ Internal Code
- ⑤ Connector Type
- ⑥ Pin Code: See Table 6 (No. of Contacts: ≥ 100)
- ⑦ Rows Code
- ⑧ Serial Code
- ⑨ Other Code

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 6					
Pin Code	No. of Contacts	Pin Code	No. of Contacts	Pin Code	No. of Contacts
A0	100	H0	170	P0	240
B0	110	I0	180	Q0	250
C0	120	J0	190	R0	260
D0	130	K0	200	S0	270
E0	140	L0	210	T0	280
F0	150	N0	220	U0	290
G0	160	M0	230	V0	300

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

NCP

www.i-ncp.com

PART NO:
IPCB1A501Fxx 7V

NAME:
1.27PH H5.0 BTB FEMALE

DRAWING NO
IPCB1A501F07V

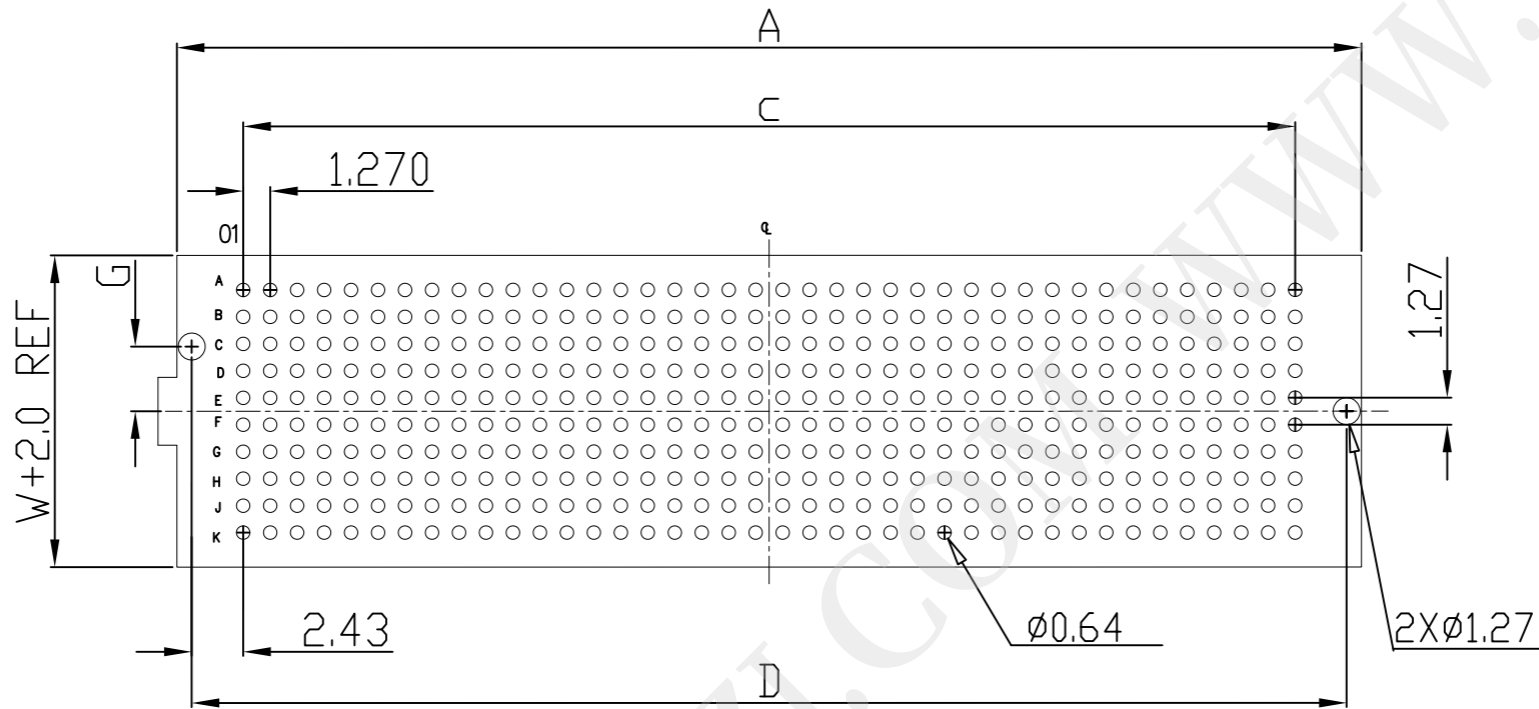
SHEET 1 OF 2

UNITS:mm SCALE:1:1 REV.02

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



Engineer Drawing



Recommended PC board pattern
(TOP VIEW)

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

NCP

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.02