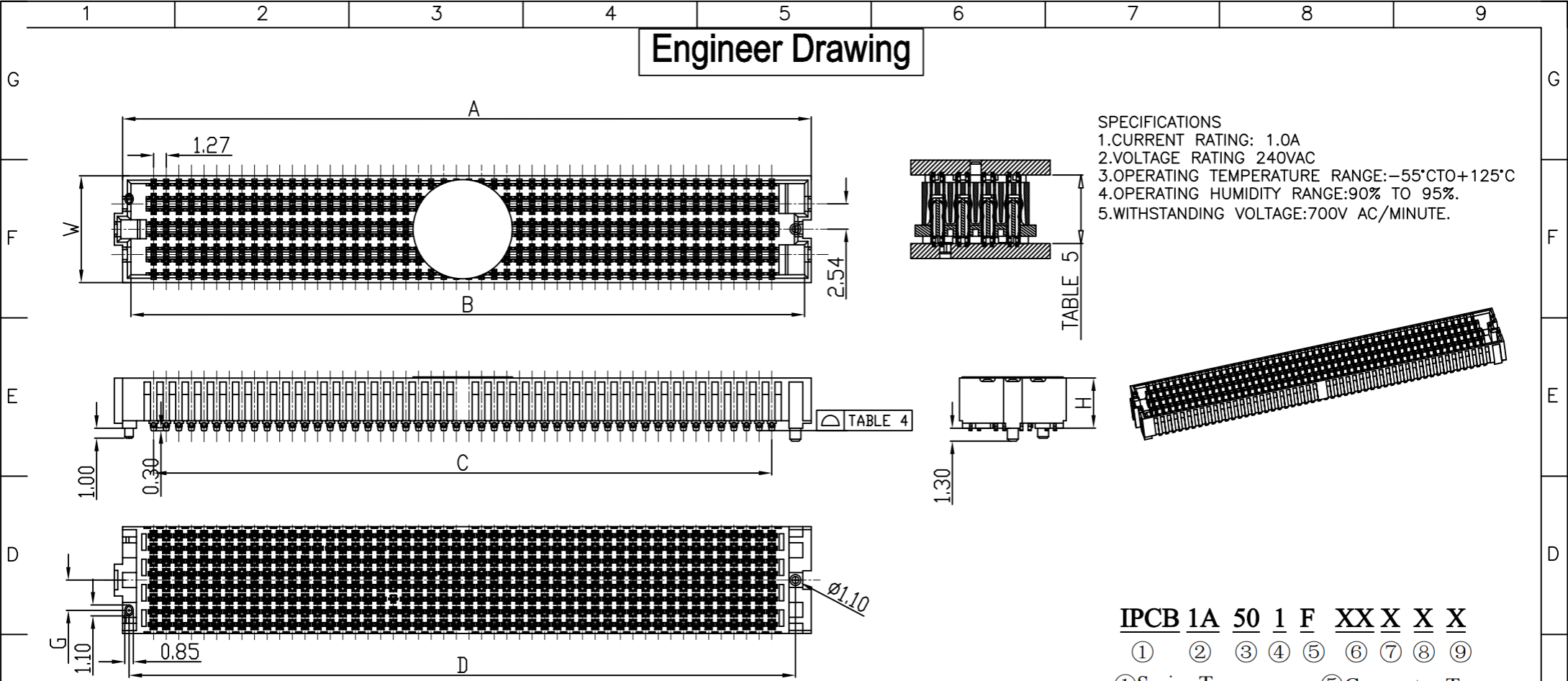


Engineer Drawing

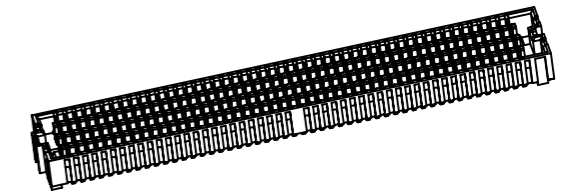


SPECIFICATIONS

- 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 5

TABLE 4



IPCB 1A 50 1 F XX 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
- ⑦ Rows Code
- ⑧ Serial Code
- ⑨ Other Code

| 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 |

| POSITION | COPLANARITY |
|----------|-------------|
| 10 PIN | 0.15 |
| 30 PIN | 0.20 |
| 40 PIN | 0.23 |
| 50 PIN | 0.23 |

| | 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 |

| 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 |

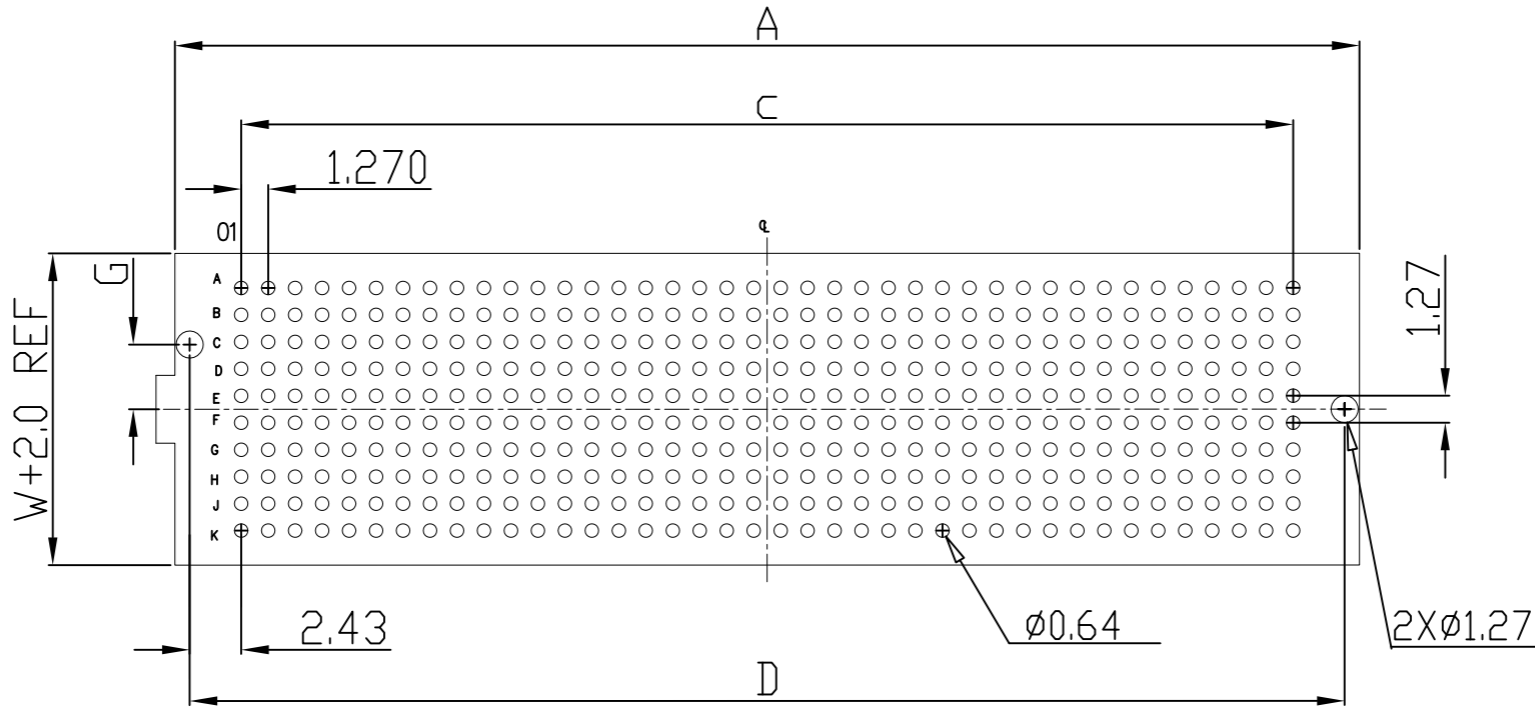
| HEIGHT | H |
|--------|------|
| 5.0 | 5.05 |
| 6.0 | 6.05 |
| 6.5 | 6.55 |
| 7.5 | 7.54 |

RoHS Compliant
2013/95/EC



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

| | | | |
|--|--|--|--|
| | | www.i-ncp.com | |
| 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)

| | | | |
|--|---|--|--|
| <p>TOLERANCES: X.X=±0.35 X.XX=±0.25 X.XXX=±0.10 GENERAL ANGLE X°=±1°</p> |  | 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 | |

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