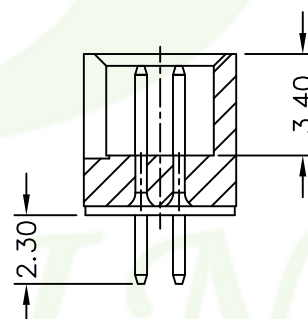
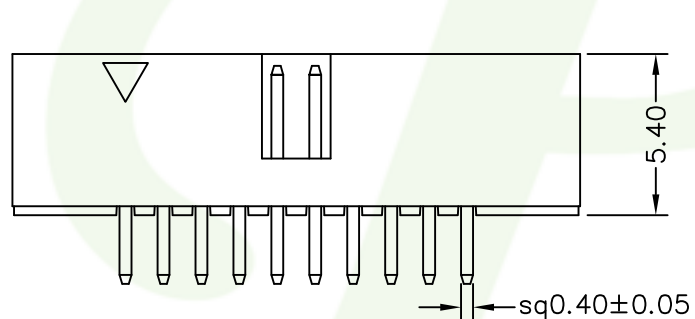
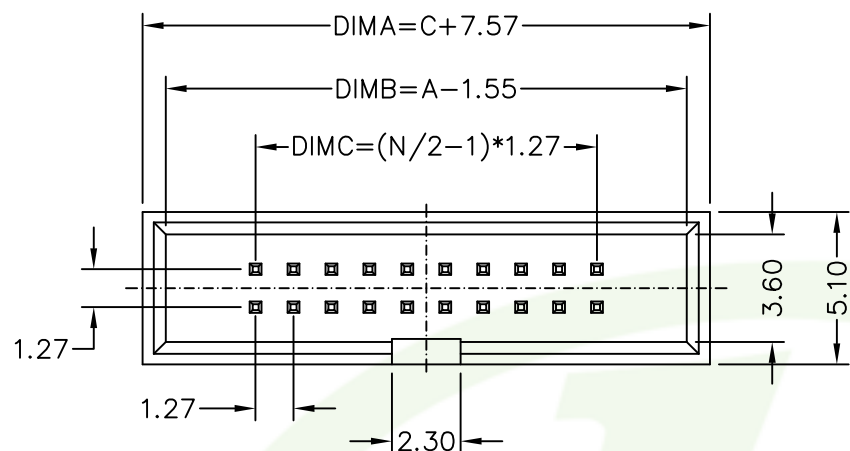


Recommended P.C.B Layout

## MATERIAL

Contact Pin : Brass

Insulator : Thermoplastic High Temp UL94-V0

## SPECIFICATION

Current Rate : 1 AMP

Insulation Resistance : 5000MΩMin. at DC 500V

Contact Resistance : 10mΩMax. at DC 100mA

Dielectric Voltage : AC 500V for one minute

Operation Temperature : -40°C to + 105°C

Max Processing Temp : 230° for 30"

53A-x 0- xx x x xx  
1 2 3 4 5

- 7: Green Product
- 9: Green Product High Temp
- No. of contacts
- G: Gold flash
- T: Tin plated
- B: Black Insulator
- Pinrex internal code.

| DIM  | A      | B      | C              |
|------|--------|--------|----------------|
| N 公式 | C+7.57 | A-1.55 | [(N/2)-1]*1.27 |
| 10P  | 12.65  | 11.10  | 5.08           |
| 12P  | 13.92  | 12.37  | 6.35           |
| 14P  | 15.19  | 13.64  | 7.62           |
| 16P  | 16.46  | 14.91  | 8.89           |
| 20P  | 19.00  | 17.45  | 11.43          |
| 24P  | 21.54  | 19.99  | 13.97          |
| 26P  | 22.81  | 21.26  | 15.24          |
| 28P  | 24.08  | 22.53  | 16.51          |
| 30P  | 25.35  | 23.80  | 17.78          |
| 34P  | 27.89  | 26.34  | 20.32          |
| 40P  | 31.70  | 30.15  | 24.13          |
| 44P  | 34.24  | 32.69  | 26.67          |
| 50P  | 38.05  | 36.50  | 30.48          |
| 60P  | 44.40  | 42.85  | 36.83          |
| 64P  | 46.94  | 45.39  | 39.37          |
| 68P  | 49.48  | 47.93  | 41.91          |
| 80P  | 57.10  | 55.55  | 49.53          |
| 100P | 69.80  | 68.25  | 62.23          |



**P** 頻銳科技股份有限公司  
PINREX TECHNOLOGY CORP.

| REV. | DESCRIPTION | DATE       |
|------|-------------|------------|
| A    | RELEASE     | 2020/11/09 |

**TOLERANCE**  
.0 =±.30  
.00 =±.20  
.000 =±.XXX  
.0000=±.  
ANG.=±3'

**UNITS : mm**  
SCALE NONE SIZE A4

**OLD PART NO.**  
**DRAWER** 麦文慧 **CHECK** 李剑  
**SHEET** 1 OF 1 **REV.** A **APP'D** 李剑

**TITLE**  
BOX HEADER 1.27\*1.27mm  
**NEW PART NO.** 53A-x0-xxxxxx

**DRAW NO.** 53A-x0-xxxxxx (網頁專用圖)