

RoHS

Dimensions List

| PIN \ DIP | A | B | PIN \ DIP | A | B |
|-----------|-------|-------|-----------|-------|-------|
| 2*01 | 2.54 | 0.00 | 2*21 | 53.34 | 50.80 |
| 2*02 | 5.08 | 2.54 | 2*22 | 55.88 | 53.34 |
| 2*03 | 7.62 | 5.08 | 2*23 | 58.42 | 55.88 |
| 2*04 | 10.16 | 7.62 | 2*24 | 60.96 | 58.42 |
| 2*05 | 12.70 | 10.16 | 2*25 | 63.50 | 60.96 |
| 2*06 | 15.24 | 12.70 | 2*26 | 66.04 | 63.50 |
| 2*07 | 17.78 | 15.24 | 2*27 | 68.58 | 66.04 |
| 2*08 | 20.32 | 17.78 | 2*28 | 71.12 | 68.58 |
| 2*09 | 22.86 | 20.32 | 2*29 | 73.66 | 71.12 |
| 2*10 | 25.40 | 22.86 | 2*30 | 76.20 | 73.66 |
| 2*11 | 27.94 | 25.40 | 2*31 | 78.74 | 76.20 |
| 2*12 | 30.48 | 27.94 | 2*32 | 81.28 | 78.74 |
| 2*13 | 33.02 | 30.48 | 2*33 | 83.82 | 81.28 |
| 2*14 | 35.56 | 33.02 | 2*34 | 86.36 | 83.82 |
| 2*15 | 38.10 | 35.56 | 2*35 | 88.90 | 86.36 |
| 2*16 | 40.64 | 38.10 | 2*36 | 91.44 | 88.90 |
| 2*17 | 43.18 | 40.64 | 2*37 | 93.98 | 91.44 |
| 2*18 | 45.72 | 43.18 | 2*38 | 96.52 | 93.98 |
| 2*19 | 48.26 | 45.72 | 2*39 | 99.06 | 96.52 |
| 2*20 | 50.80 | 48.26 | 2*40 | 101.6 | 99.06 |

Specifications:

1.Material:

Housing: PA6T UL94V-0 Black

Terminal: Brass(G/F)

2.Rated Current: 3A

3.Rated Voltage: 500V

Insulation resistance: $\geq 1000M\Omega$, at DC500V

4.Temperature range: $-40^{\circ}C \sim 105^{\circ}C$

5.Soldering temperature: $260^{\circ}C$ (3~5 Seconds)

6.The appearance of requirements:

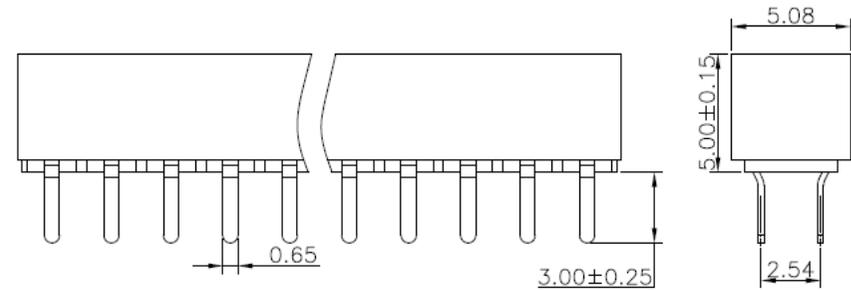
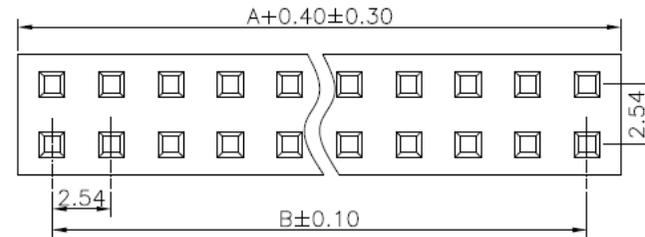
The surface of the product shall not be scratched,bruised,terminal solder cup be smoothed.

7.ROHS compliant.

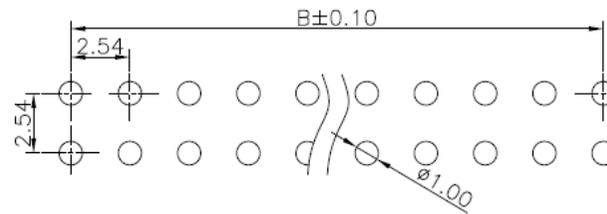
8.Tolerance unless otherwise specifical: ± 0.25

9.Package type: box-packed.

| REV | LTR | DESCRIPTION | DATE | REVISION | SHEET |
|-----|-----|-------------|------------|----------|-------|
| A | | NEW RELEASE | 2022.12.21 | MQ QIN | 1/1 |



Recommended P.C.B Layout



FrelTec GmbH

| TOLERANCE | ANGLE | TITLE: | | | | |
|-------------|-------|------------------------------|------------|--------------|-------|------|
| 30~ ±0.50 | ±2' | Pitch2.54mm header connector | | | | |
| 10~30 ±0.30 | | PART NO.: | | DRAWING NO.: | | |
| ~10 ±0.15 | | 2C2FHS2AyxxFUBLQEJ6B | | F254-010B02 | | |
| PROJECTION | | MOLD: | SCALE: | UNIT: | SIZE: | REV. |
| | | xxxxx | 4 : 1 | mm | A4 | A |
| | | APPROVED BY | CHECKED BY | DRAWING BY | | |
| | | Vegas LIU | Liang ZHUO | F.X.K | | |

| No. | PART NAME | Q'TY | MATERIAL | FINISH |
|-----|-----------|------|--------------|------------------------------|
| ② | Terminal | n | Brass | Flash Gold |
| ① | Housing | 1 | Pa6T UL94V-0 | Molded color:Natural(Black). |