

1

2

3

4

A

B

C

D

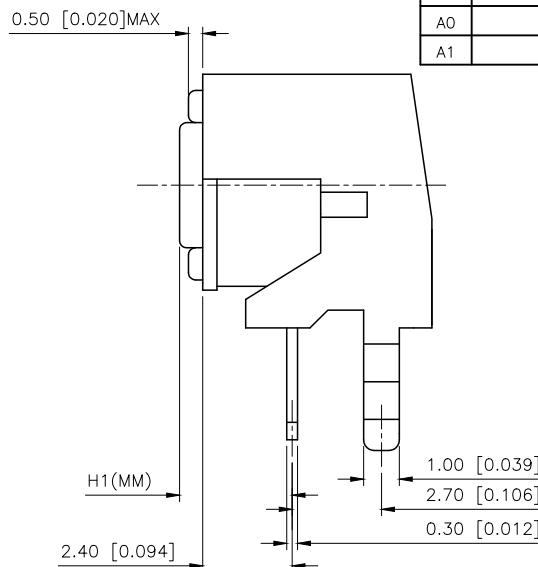
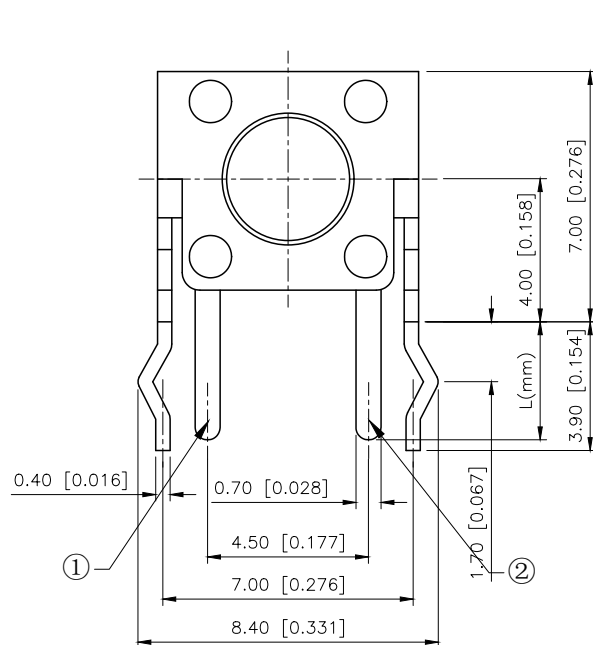
A

B

C

D

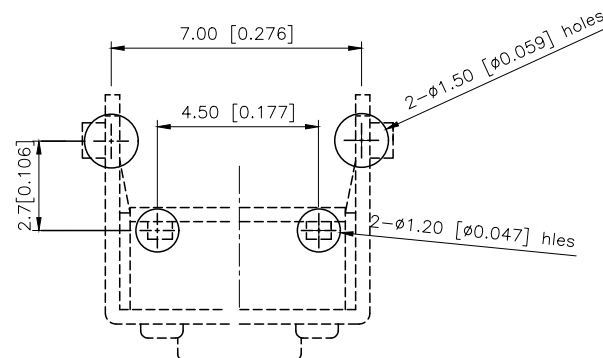
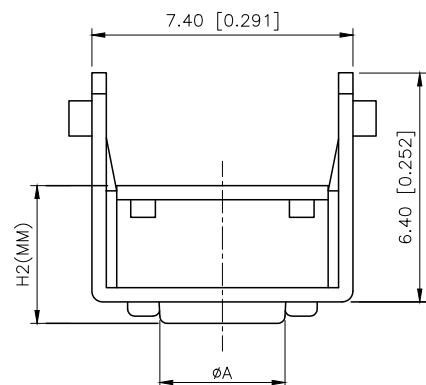
| REVISIONS |         |          |                 |            |        |
|-----------|---------|----------|-----------------|------------|--------|
| REV.      | ECN NO. | LOCATION | DESCRIPTION     | DATE       | DESIGN |
| A0        | N/A     |          | INITIAL RELEASE | /          | /      |
| A1        | N/A     |          | 图面升级整理图面        | 2025.05.26 | 阿树     |



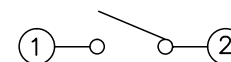
| Code-x | H1(mm) | H2(mm) | ΦA   | L   |
|--------|--------|--------|------|-----|
| A1     | 3.15   | 4.30   | 3.50 | 3.7 |
| AS     | 3.35   | 4.50   |      |     |
| A      | 3.85   | 5.00   |      |     |
| AL     | 4.35   | 5.50   | 3.40 |     |
| Q      | 4.85   | 6.00   |      |     |
| QL     | 5.35   | 6.50   |      |     |
| B      | 5.85   | 7.00   |      |     |
| E      | 6.15   | 7.30   |      |     |
| EL     | 6.35   | 7.50   |      |     |
| C      | 6.85   | 8.00   |      |     |
| CL     | 7.35   | 8.50   |      |     |
| DS     | 7.85   | 9.00   |      |     |
| D      | 8.35   | 9.50   | 3.00 |     |
| DL     | 8.85   | 10.00  |      |     |

| Code-x | H1(mm) | H2(mm) | ΦA   | L    |
|--------|--------|--------|------|------|
| KS     | 9.35   | 10.50  | 3.00 | 3.70 |
| K      | 9.85   | 11.00  |      |      |
| KL     | 10.35  | 11.50  |      |      |
| FS     | 10.85  | 12.00  |      |      |
| F      | 11.35  | 12.50  |      |      |
| FL     | 11.85  | 13.00  |      |      |
| G      | 12.35  | 13.50  |      |      |
| O      | 12.85  | 14.00  |      |      |
| X      | 13.35  | 14.50  |      |      |
| Y      | 13.35  | 15.00  |      |      |
| Z      | 14.85  | 16.00  |      |      |
| J      | 15.15  | 16.30  |      |      |
| I      | 15.85  | 17.00  |      |      |

SPECIFICATION  
Contact Rating: 50mA,12V DC  
Contact Resistance: 100mΩ max  
Insulation Resistance: 100MΩ min.500V DC  
Dielectric Strength: 250V AC/1minute  
Travel: 0.25mm  
Operating Temp: -30℃~+85℃  
Storage Temp: -30℃~+80℃



P.C.B MOUNTING PATTERN DIMENSION  
The following soldering patterns are recommended for reflow soldering



CIRCUIT DIAGRAM

|                 |                                                                     |
|-----------------|---------------------------------------------------------------------|
| PAPT NO         | TC-1102N-C-DL-B                                                     |
| Operating Force | A:100gf B:160gf C:260gf                                             |
| Height          | H                                                                   |
| Colour          | B:Black BR:Brown R:Red O:Orange<br>G:Green Y:Yellow BL:Blue W:White |

|      |           |     |               |                   |
|------|-----------|-----|---------------|-------------------|
| ⑤    | Terminal  | 2   | Brass (0.30t) | Plating silvering |
| ④    | Contact   | 1   | F.ag/SUS      | Natural           |
| ③    | Base      | 1   | PPA           |                   |
| ②    | Cover     | 1   | Spcc          | Plating Nickel    |
| ①    | Keystake  | 1   | PPA           |                   |
| ITEM | PAPT NAMF | QTY | MATERIAL      | FINISHING         |

|                       |       |
|-----------------------|-------|
| AuGLAR                | ±5°   |
| X.                    | ±0.40 |
| X.x                   | ±0.30 |
| X.xx                  | ±0.20 |
| X.xxx                 | ±0.15 |
| UNSPECIFIED TOLERANCE |       |

XKLB 星城  
Connection

|          |    |             |                            |
|----------|----|-------------|----------------------------|
| DESIGN   | 阿树 | VIEW:       | MODEL TYPE:                |
| CHECKED  |    | UNIT: mm/in | TACT SWITCH                |
| APPROVED |    | SIZE: A4    | PART NO.: TC-1102N-C-DL-B  |
|          |    |             | DWG NO.: X-TC-1102N-C-DL-B |
|          |    | SCALE       | PAGE                       |
|          |    | N/A         | 1/1                        |
|          |    | REVISION    | A1                         |

1

2

3

4