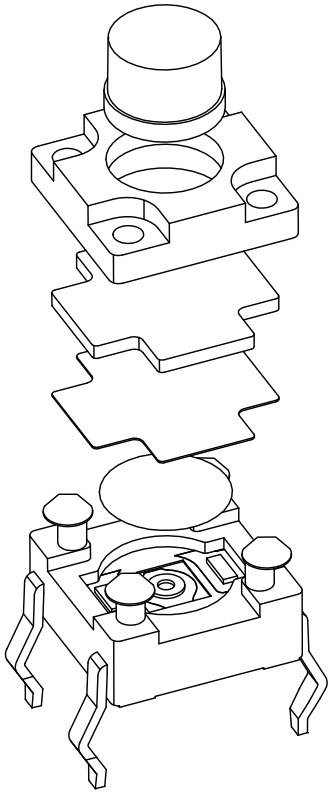
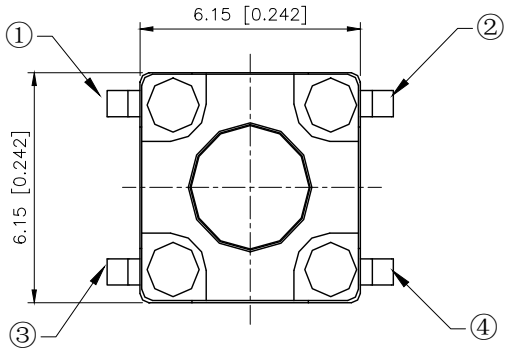
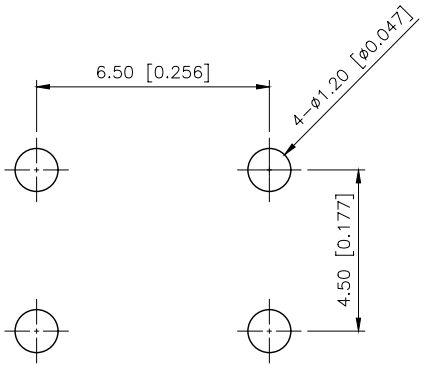
| REVISIONS | | | | | |
|---|---|---|---|---|---|
| REV. | ECN NO. | LOCATION | DESCRIPTION | DATE | DESIGN |
| A0 | N/A | | INITIAL RELEASE | / | / |
| A1 | N/A | | 图面升级整理图面 | 2025.05.26 | 阿树 |

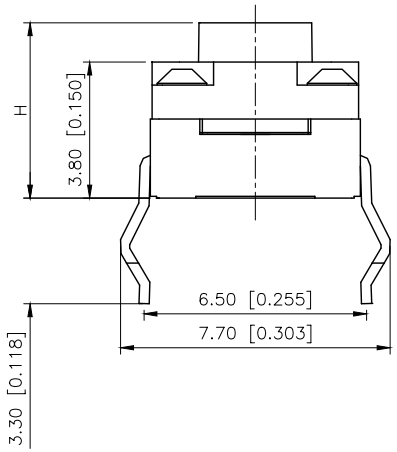


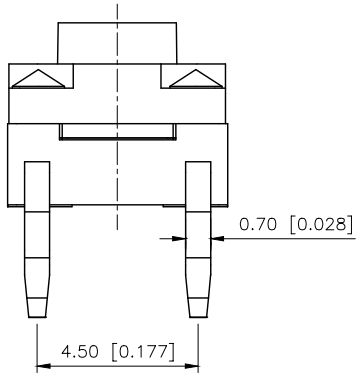


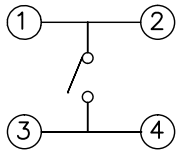




PCB.WELDING DRAWING

| Code-x | H |
|---|---|
| A | 4.30 |
| B | 4.50 |
| C | 5.00 |
| D | 5.50 |
| E | 6.00 |
| F | 6.50 |
| G | 7.00 |
| H | 7.50 |
| I | 8.00 |
| J | 8.50 |
| K | 9.00 |



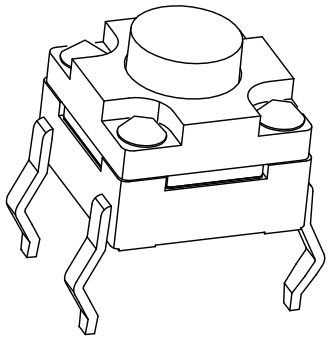




CIRCUIT DIAGRAM

SPECIFICATION
Contact Rating: 50mA,12V DC
Contact Resistance: 100mΩ max
Insulation Resistance: 100MΩ min.500V DC
Dielectric Strength: 250V AC/1minute
Travel: 0.30mm
Operating Temp: -25℃~+80℃
Storage Temp: -30℃~+80℃

| PAPT NO | TC-FS66D-C-M |
|---|---|
| Operating Force | A:100gf B:160gf C:260gf |
| Height | Code-X |



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

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

XKB 星坤 Connection

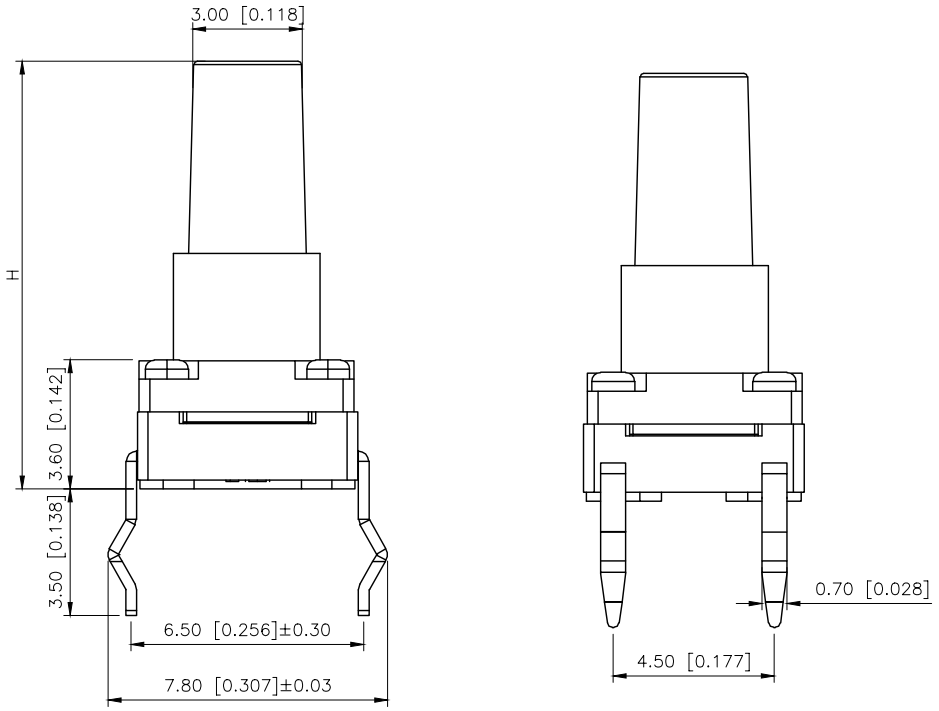
| DESIGN | 阿树 | VIEW: |
|---|---|---|
| CHECKED | | UNIT: mm/in |
| APPROVED | | SIZE: A4 |

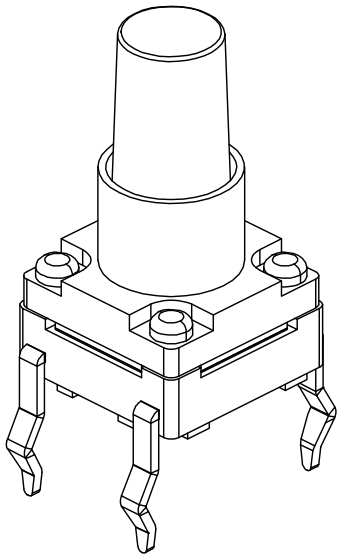
MODEL TYPE: TACT SWITCH
PART NO.: TC-FS66D-C-M
DWG NO.: TC-FS66D-C-M

XKB INDUSTRIAL PRECISION CO.,LIMITED

| SCALE | PAGE | REVISION |
|---|---|---|
| N/A | 1/2 | A1 |

| REVISIONS | | | | | |
|---|---|---|---|---|---|
| REV. | ECN NO. | LOCATION | DESCRIPTION | DATE | DESIGN |
| A0 | N/A | | INITIAL RELEASE | / | / |
| A1 | N/A | | 图面升级整理图面 | 2025.05.28 | 阿树 |



| Code–x | H |
|---|---|
| L | 9.50 |
| M | 10.00 |
| N | 10.50 |
| O | 11.00 |
| P | 11.50 |
| Q | 12.00 |
| R | 12.50 |
| S | 13.00 |
| T | 13.50 |
| U | 14.00 |
| V | 15.00 |
| W | 15.50 |
| X | 16.00 |
| Y | 16.50 |
| Z | 17.00 |
| 18 | 18.00 |
| 19 | 19.00 |

SPECIFICATION
Contact Rating: 50mA,12V DC
Contact Resistance: 100mΩ max
Insulation Resistance: 100MΩ min.500V DC
Dielectric Strength: 250V AC/1minute
Travel: 0.30mm
Operating Temp: –25℃~+80℃
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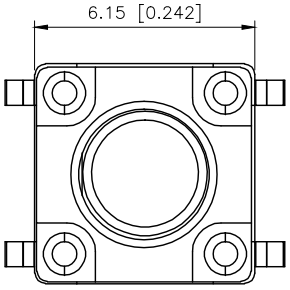
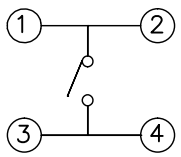
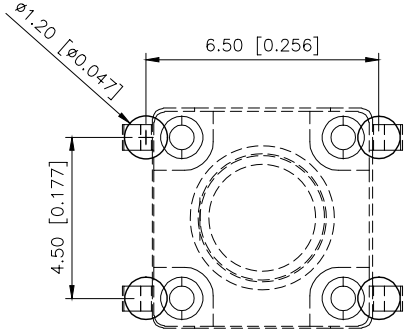



SCHEMATIC




P.C.B LAYOUT

| PAPT NO | TC–FS66D–C–M |
|---|---|
| Operating Force | A:100gf B:160gf C:260gf |
| Height | Code–X |

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

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

XKB 星创 Connection

| DESIGN | 阿树 | VIEW: |
|---|---|---|
| CHECKED | | UNIT: mm/in |
| APPROVED | | SIZE: A4 |

MODEL TYPE: TACT SWITCH
PART NO.: TC–FS66D–C–M
DWG NO.: TC–FS66D–C–M

| SCALE | PAGE | REVISION |
|---|---|---|
| N/A | 2/2 | A1 |

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