

1

2

3

4

REVISIONS

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.05.24	阿树

technical parameter

技术参数

1. Action temperature: $-25 \sim +85^{\circ}\text{C}$ 作用温度: $-25 \sim +85^{\circ}\text{C}$

2. Rated load: DC 12V 50mA

额定负载: DC 12V 50mA

3. Contact resistance: $\leq 50\text{m}\Omega$ 接触电阻: $\leq 50\text{m}\Omega$ 4. Insulation resistance: $\geq 100\text{M}\Omega$ 绝缘电阻: $\geq 100\text{M}\Omega$

5. Withstand voltage: AC250V (50 Hz) / min

耐受电压: AC250V (50Hz) / min

6. Service life: 80000 times

使用寿命: 80000 times

A	13.85	15.0	φ3.0
B	11.85	13.0	
C	8.35	9.5	φ3.1
D	7.85	9.0	
E	7.35	8.5	φ3.2
F	6.35	7.5	
G	5.35	6.5	φ3.3
H	4.85	6.0	
I	3.85	5.0	φ3.5
J	3.15	4.3	
	L(mm)	H(mm)	A(mm)

PAPT NO	TC-53HF-C-A
Operating Force	C:260gf
Height	H

5	Contcat foot	Brass $t=0.3$	Plate with silver	1	
4	Pedestal	PPA black		1	
3	Reed	Composite		1	
2	Bracket	Cold rolled steel strip	Copper tin	1	
1	Button	PPA black		1	
	Part name	Specifications	Surface treatment	QTY	Remarks

AuGLAR	$\pm 5^{\circ}$
X.	± 0.40
X.x	± 0.30
X.xx	± 0.20
X.xxx	± 0.15
UNSPECIFIED TOLERANCES	

XKLB 星城
Connection

DESIGN

阿树

VIEW: MODEL TYPE:
TACT SWITCH

CHECKED

UNIT: mm/in

PART NO.:
TC-53HF-C-A

APPROVED

SIZE: A4

DWG NO.:
TC-53HF-C-A

SCALE	PAGE	REVISION
N/A	1/1	A1

A

B

C

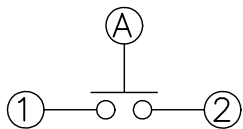
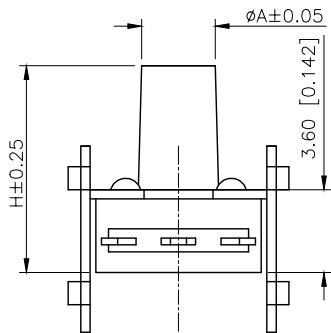
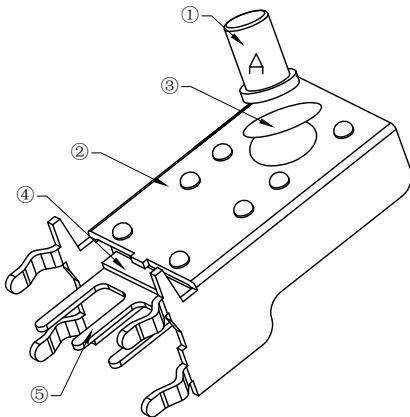
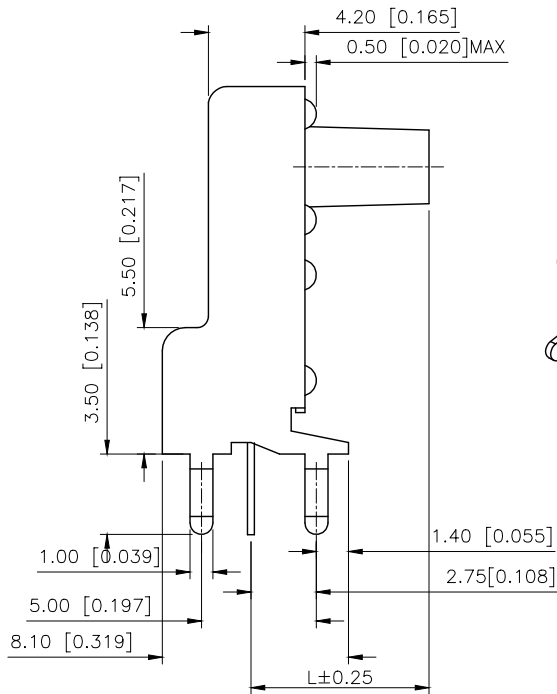
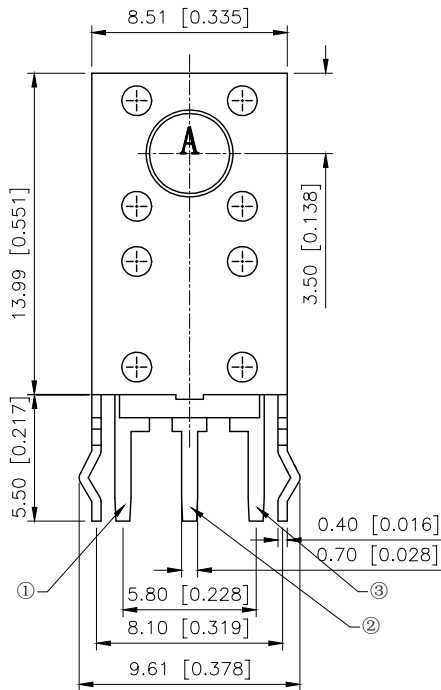
D

A

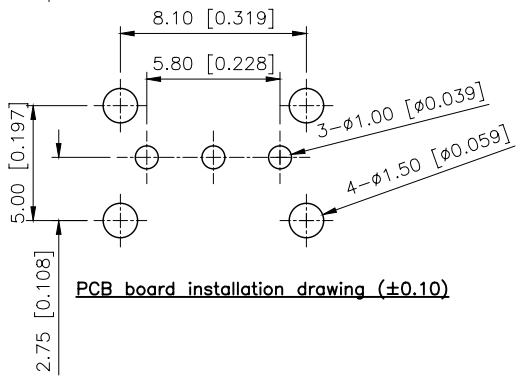
B

C

D



Circuit diagram



PCB board installation drawing (±0.10)