

REVISIONS

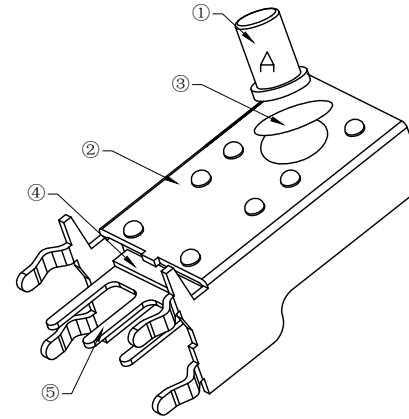
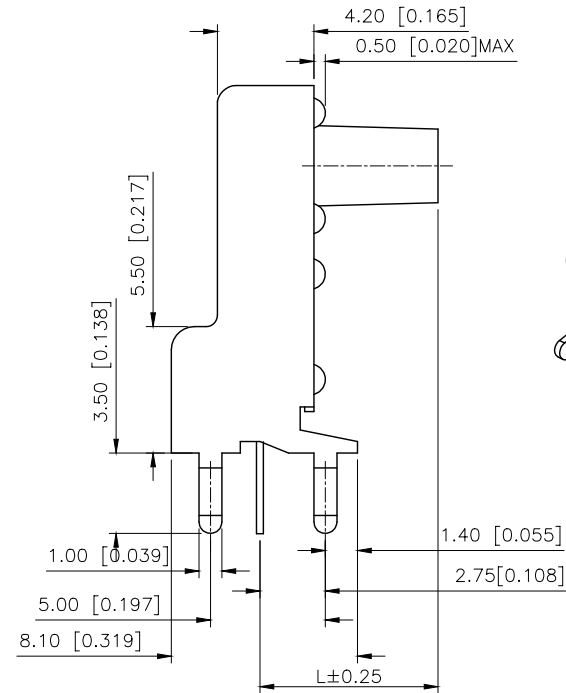
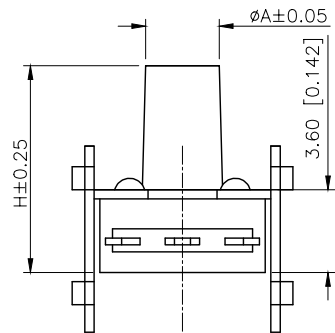
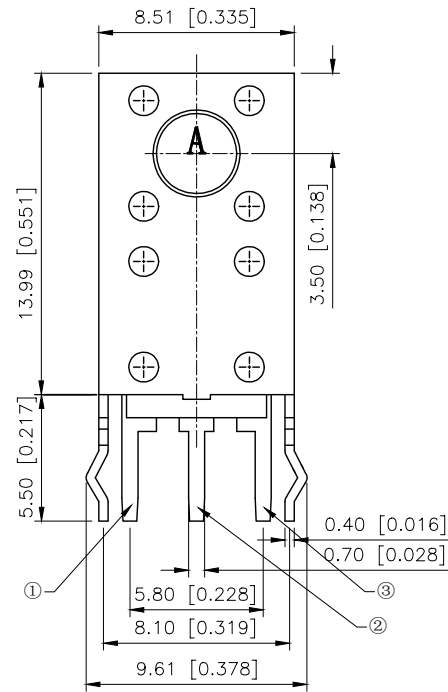
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.05.24	阿树

A

B

C

D



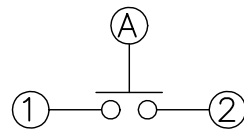
technical parameter

技术参数

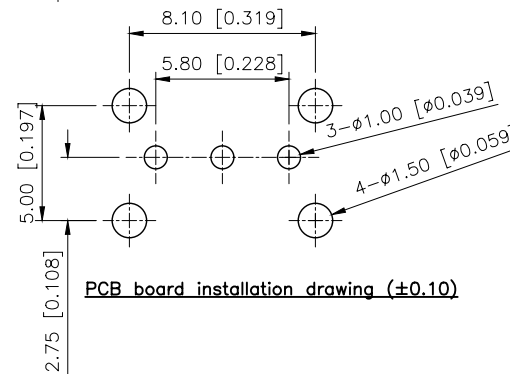
- Action temperature: $-25 \sim +85^{\circ}\text{C}$
作用温度: $-25 \sim +85^{\circ}\text{C}$
- Rated load: DC 12V 50mA
额定负载: DC 12V 50mA
- Contact resistance: $\leq 50\text{m}\Omega$
接触电阻: $\leq 50\text{m}\Omega$
- Insulation resistance: $\geq 100\text{M}\Omega$
绝缘电阻: $\geq 100\text{M}\Omega$
- Withstand voltage: AC250V (50 Hz) / min
耐受电压: AC250V (50Hz) / min
- Service life: 80000 times
使用寿命: 80000 times

A	13.85	15.0	$\phi 3.0$
B	11.85	13.0	$\phi 3.1$
C	8.35	9.5	$\phi 3.2$
D	7.85	9.0	$\phi 3.3$
E	7.35	8.5	$\phi 3.3$
F	6.35	7.5	$\phi 3.5$
G	5.35	6.5	$\phi 3.5$
H	4.85	6.0	$\phi 3.5$
I	3.85	5.0	$\phi 3.5$
J	3.15	4.3	$\phi 3.5$
L(mm)H(mm)A(mm)			

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



Circuit diagram

PCB board installation drawing (± 0.10)

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	



DESIGN	阿树	VIEW:		MODEL TYPE:	TACT SWITCH
CHECKED		UNIT:	mm/in	PART NO.:	TC-53HF-C-I
APPROVED		SIZE:	A4	DWG NO.:	TC-53HF-C-I