

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

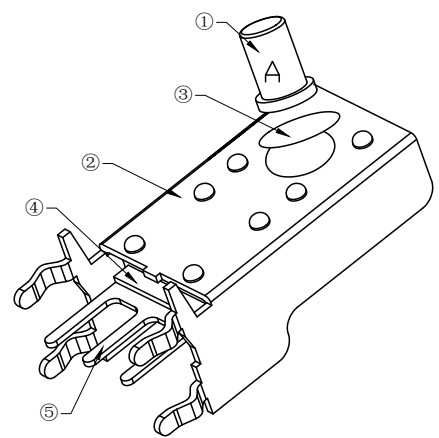
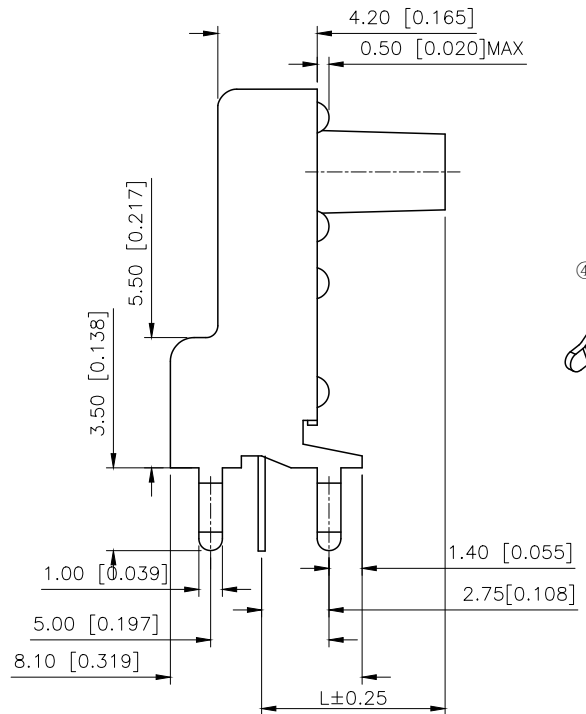
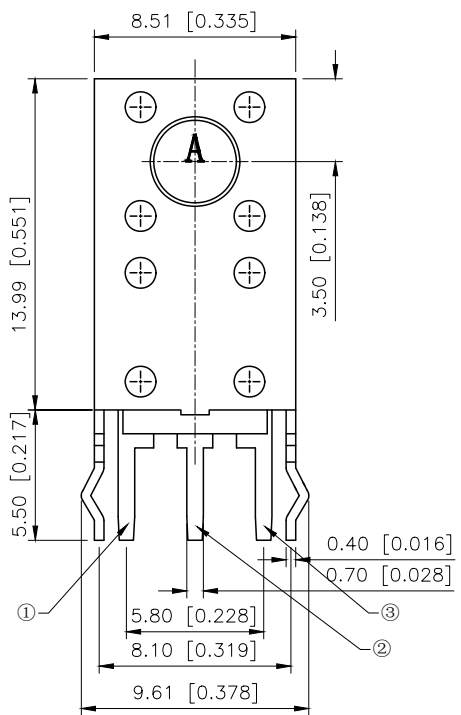
D

A

B

C

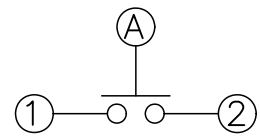
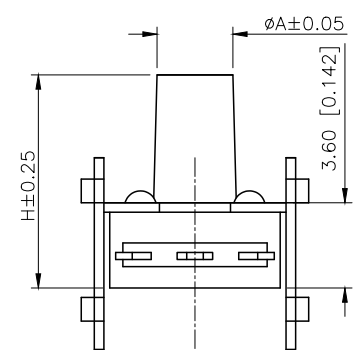
D



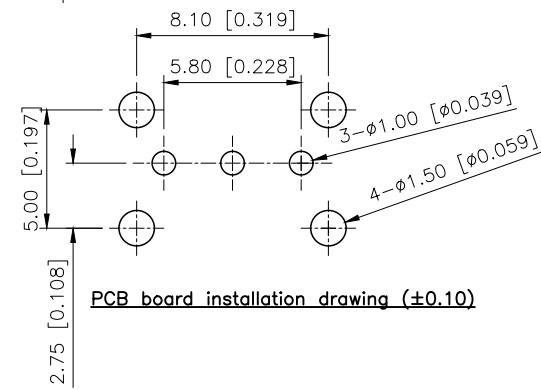
- technical parameter
技术参数
- Action temperature: - 25 ~ + 85 °C
作用温度: -25~+85℃
 - Rated load: DC 12V 50mA
额定负载: DC 12V 50mA
 - Contact resistance: ≤ 50mΩ
接触电阻: ≤ 50mΩ
 - Insulation resistance: ≥ 100MΩ
绝缘电阻: ≥ 100MΩ
 - Withstand voltage: AC250V (50 Hz) / min
耐受电压: AC250V (50Hz) /min
 - Service life: 80000 times
使用寿命: 80000 times

A	13.85	15.0	ø3.0
B	11.85	13.0	
C	8.35	9.5	ø3.1
D	7.85	9.0	
E	7.35	8.5	ø3.2
F	6.35	7.5	
G	5.35	6.5	ø3.3
H	4.85	6.0	
I	3.85	5.0	
J	3.15	4.3	ø3.5
L(mm)H(mm)A(mm)			

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



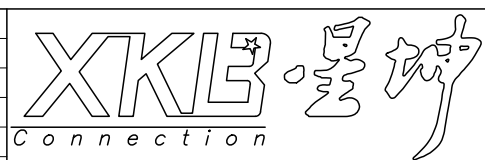
Circuit diagram



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	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15
UNSPECIFIED TOLERAUCES	



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