

1

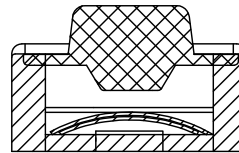
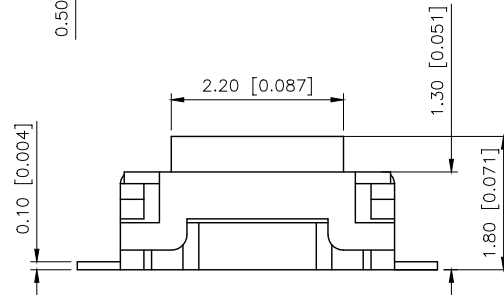
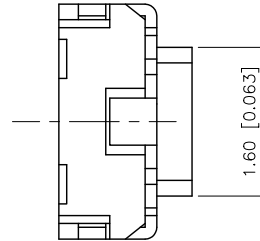
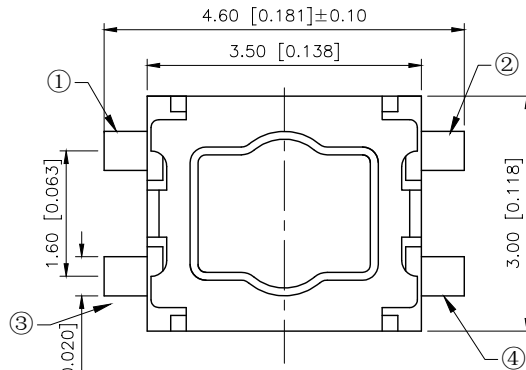
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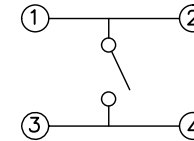
4

REVISIONS

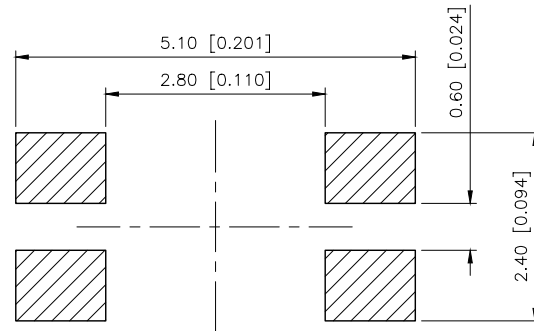
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.06.06	阿树



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℃



Circuit Diagram



P.C.B LAYOUT

PAPT NO	TS-1809SM-C
Operating Force	A:100gf B:160gf C:260gf

⑤	Terminal	2	Brass (0.30t)	Plating silvering
④	Contact	1	F.ag/SUS	Natural
③	Base	1	LCP	
②	Cover	1	Brass	Plating Nickel
①	Keystake	1	Pa46	
ITEM	PAPT NAMF	QTY	MATERIAL	FINISHING

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



DESIGN	阿树
CHECKED	
APPROVED	

VIEW:	
UNIT:	mm/in
SIZE:	A4

MODEL TYPE:	TACT SWITCH
PART NO.:	TS-1809SM-C
DWG NO.:	TS-1809SM-C

1

2

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