

This figure is a technical drawing of a Tact Switch, showing various views and specifications.

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: 0.20mm
Operating Temp: -30℃~+85℃
Storage Temp: -30℃~+80℃

CIRCUIT DIAGRAM

The circuit diagram shows a single switch with four terminals labeled 1, 2, 3, and 4. Terminals 1 and 2 are connected to each other, and terminals 3 and 4 are connected to each other.

P.C.B LAYOUT

The P.C.B layout shows the dimensions for mounting the component on a printed circuit board. The overall width is 8.00 [0.315] and the overall height is 4.80 [0.189]. The mounting holes have a diameter of 0.50 [0.020] and are spaced 4.40 [0.173] apart. The distance from the center of the component to the edge of the board is 2.60 [0.102].

Table 1: Component Details

ITEM	PAPT NAMF	QTY	MATERIAL	FINISHING
⑤	Terminal	4	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		

Table 2: Material Specifications

Material	Tolerance
AuGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15

UNSPECIFIED TOLERANCES

XKB Industrial Precision Co., Limited

DESIGN: 阿树
CHECKED:
APPROVED:

VIEW:
UNIT: mm/in
SIZE: A4

MODEL TYPE: TACT SWITCH
PART NO.: TS-1187M-A
DWG NO.: TS-1187M-A

SCALE: N/A
PAGE: 1/1
REVISION: A1

DESIGN	阿树	VIEW:		MODEL TYPE:	TACT SWITCH		
CHECKED		UNIT:	mm/in	PART NO.:	TS-1187M-A		
APPROVED		SIZE:	A4	DWG NO.:	TS-1187M-A		
PRECISION CO., LIMITED				SCALE	PAGE	REVISION	
				N/A	1/1	A1	