

Technical drawing of a Tact Switch (TC-1103-C-E) showing top, side, and P.C.B mounting views, along with specifications and a circuit diagram.

Top View: Dimensions 12.00 [0.472] x 12.00 [0.472]. Features include a central circular contact area and four mounting holes (1, 2, 3, 4).

Side View: Dimensions include 0.50 [0.020] MAX, 0.30 [0.012], 12.30 [0.484], 13.70 [0.539], 1.80 [0.071], 3.50 [0.138], 3.30 [0.130], and H.

P.C.B Mounting pattern Dimension: Dimensions include 12.50 [0.492] and 5.00 [0.197]. Features include 4-Ø1.30 [Ø0.051] mounting holes.

Circuit Diagram: Shows a switch symbol with terminals 1, 2, 3, and 4.

Specifications:

- 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°C ~ +85°C
- Storage Temp: -30°C ~ +80°C

Part Information:

PAPT NO	TC-1103-C-E
Operating Force	B:160gf C:260gf
Height	Code-x

Material and Finishing:

ITEM	PAPT NAMF	QTY	MATERIAL	FINISHING
⑤	Terminal	4	Brass (0.30t)	Plating silvering
④	Contact	1	F.ag/SUS	Natural
③	Base	1	PA46	
②	Cover	1	Spcc	Plating Nickel
①	Keystake	1	PA46	

Model and Part Information:

MODEL TYPE:	TACT SWITCH
PART NO.:	TC-1103-C-E
DWG NO.:	TC-1103-C-E

Scale and Revision:

SCALE	PAGE	REVISION
N/A	1/1	A1

Company Information:

XKB INDUSTRIAL PRECISION CO., LIMITED

Website: www.helloxkb.com, www.helloxkb.cn, www.xk-dg.cn

Technical drawing of a Tact Switch (TC-1103-C-E) showing multiple views and specifications.

Top View: Dimensions 12.00 [0.472] x 12.00 [0.472]. Features include a central circular contact area and four mounting holes (1, 2, 3, 4).

Side View: Dimensions include 0.50 [0.020] MAX, 0.30 [0.012], 12.30 [0.484], 13.70 [0.539], 1.80 [0.071], 3.50 [0.138], 3.30 [0.130], and H.

Bottom View: Dimensions include 12.50 [0.492], 5.00 [0.197], 5.00 [0.197], and 4-Ø1.30 [Ø0.051].

Isometric View: Shows the 3D structure of the switch with dimensions 1.00 [0.039] and 5.00 [0.197].

REVISIONS:

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.05.26	阿树

Code-x H:

Code-x	H
A	4.30
B	4.50
C	5.00
D	5.50
E	6.00
F	6.50
G	7.00
H	7.50
I	8.00
J	8.50
K	9.00
L	9.50
M	10.00
N	10.50

Code-x H:

Code-x	H
O	11.00
P	11.50
Q	12.00
R	12.50
S	13.00
T	13.50
U	14.00
V	15.00
W	16.00
X	17.00
Y	18.00
Z	19.00

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CIRCUIT DIAGRAM:

① ——— ②
③ ——— ④

PAPT NO: TC-1103-C-E

Operating Force: B:160gf C:260gf

Height: Code-x

Terminal:

Terminal	4	Brass (0.30t)	Plating silvering
④ Contact	1	F.ag/SUS	Natural
③ Base	1	PA46	
② Cover	1	Spcc	Plating Nickel
① Keystake	1	PA46	

ITEM PAPT NAMF QTY MATERIAL FINISHING

DESIGN: 阿树

CHECKED:

APPROVED:

VIEW:

UNIT: mm/in

SIZE: A4

MODEL TYPE: TACT SWITCH

PART NO.: TC-1103-C-E

DWG NO.: TC-1103-C-E

SCALE: N/A

PAGE: 1/1

REVISION: A1

UNSPECIFIED TOLERANCE: AuGLAR ±5°

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Technical drawing of a mechanical component, showing multiple views (Top, Side, and P.C.B Mounting pattern) and dimensions.

Top View Dimensions:

- Overall width: 12.00 [0.472]
- Overall height: 12.00 [0.472]
- Inner square width: 12.50 [0.492]
- Inner square height: 5.00 [0.197]
- Inner square hole diameter: 4- ϕ 1.30 [0.051]

Side View Dimensions:

- Top flange width: 6.70 [0.264]
- Top flange thickness: 0.50 [0.020] MAX
- Top flange height: 3.30 [0.130]
- Top flange hole diameter: 1.80 [0.071]
- Top flange hole spacing: 12.30 [0.484]
- Top flange hole diameter: 13.70 [0.539]
- Top flange hole diameter: 0.30 [0.012]
- Top flange hole diameter: 3.50 [0.138]
- Top flange hole diameter: 3.30 [0.130]
- Top flange hole diameter: 1.80 [0.071]

P.C.B Mounting pattern Dimension:

- Overall width: 12.50 [0.492]
- Overall height: 5.00 [0.197]
- Inner square hole diameter: 4- ϕ 1.30 [0.051]

Circuit Diagram:

① ——— ②
③ ——— ④

Specifications:

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Model Type: TACT SWITCH

Part No.: TC-1103-C-E

DWG No.: TC-1103-C-E

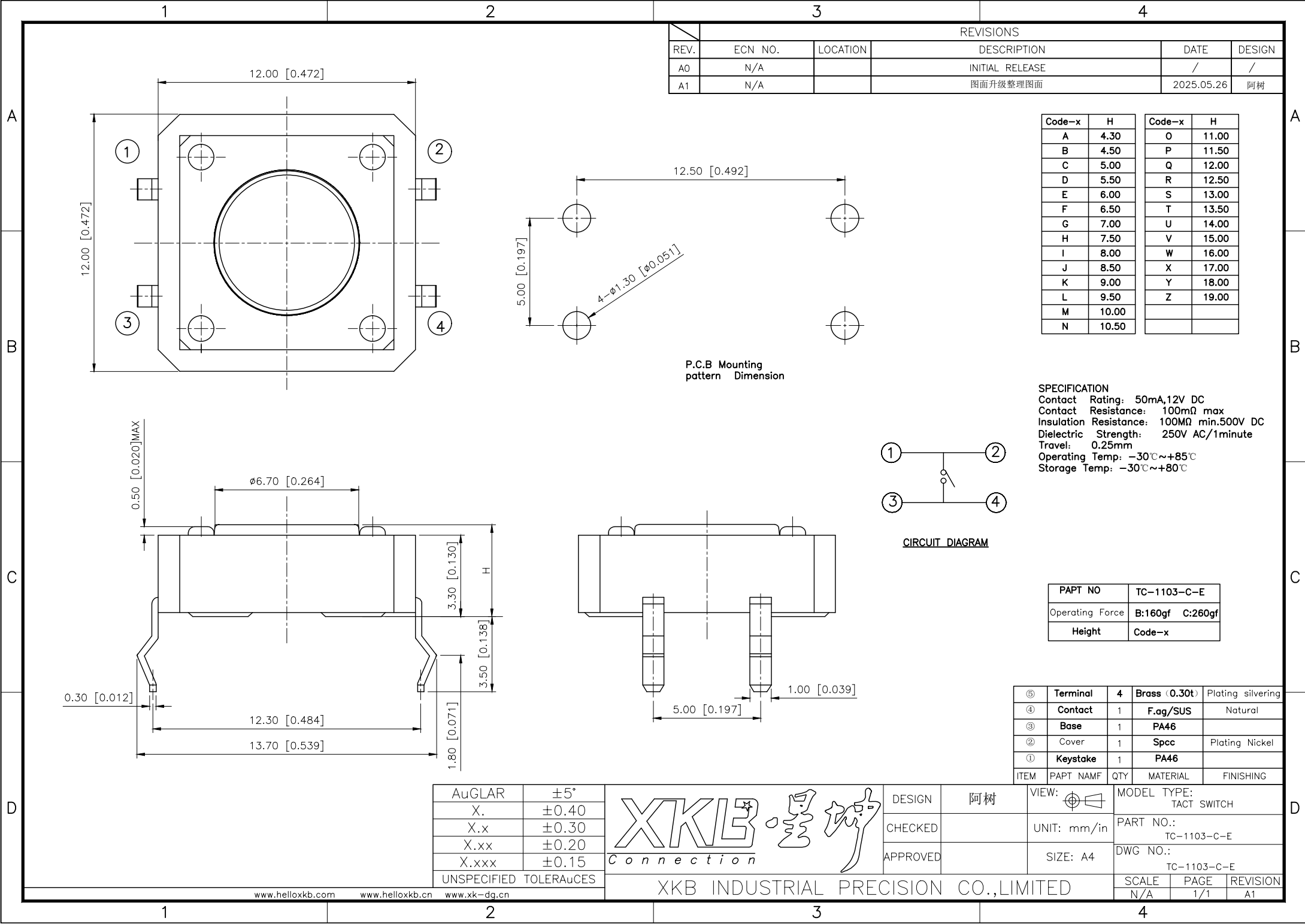
Scale: N/A

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