

Technical drawing of a Tact Switch (TS1302-TD35HAM) showing various views and dimensions.

Dimensions:

- Top View: 2.76±0.1, 1.45±0.1, 0.6±0.1, 4.2±0.1, 7±0.1
- Side View: 1.26±0.1, 3.5±0.1, 0.8±0.1
- Bottom View: 1±0.1, 3.55±0.1, 2.3±0.1, 7.6±0.1
- PCB WELDING DRAWING: 8.2, 5.4, 2.3, 1.7, 3.4, 1.25, 1.3, 2-0.9, 3.2, 5.2

Exploded View: E (Button), D (Cover), C (Spring), B (Body), A (Card)

MAIN TECHNICAL PARAMETERS

Item	Value
Rated current, voltage	50mA DC12V
Contact resistance	≤100mΩ
Operating force	160±50gf
Travel	0.20±0.10mm
Insulated resistance	≥100MΩ
Dielectric strength	≥250VAC/1min

CIRCUIT DIAGRAM

1 2

GENERAL TOLERANCE

DIM.	TOL.
X	±0.30
X.X	±0.25
X.XX	±0.15
X.XXX	±0.10

GENERAL ANGLE: ±3°

DONGGUAN BAOXUN PRECISION TECHNOLOGY CO., LTD

TITLE: TACT SWITCH

DWG. NO.: TS1302-TD35HAM

PART NO.: TS1302-TD35HAM

UNIT: mm

SCALE: none

SHEET: 1 of 1

DWG. SIZE: A4

LAYER: bxconn

DRAWN: MAX

CHECKED: ELLA

APPROVED: WILL

BXCONN®

QR CODE

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Exploded View: Shows components A (Card), B (Body), C (Spring), D (Cover), and E (Button).

Assembly View: Shows the assembled switch with dimensions A and B.

Technical Parameters and Performance:

Item	Value
额定电流, 电压 Rate voltage,current	50mA DC12V
接触电阻 Contact resistance	≤100mΩ
按力 Operating force	160±50gf
行程 Travel	0.20±0.10mm
绝缘电阻 Insulated resistance	≥100MΩ
介电强度 Dielectric strength	≥250VAC/1min

Circuit Diagram: Shows a simple switch circuit with terminals 1 and 2.

General Tolerance: ±0.30, ±0.25, ±0.15, ±0.10, ±0.05, ±0.02, ±0.01

Part Information:

Item	Description	Material	Quantity	Finish/Color
E	按钮	PPA	1	黑色
D	盖板	黄铜	1	镀银
C	弹片	不锈钢	1	镀银
B	本体	LCP	1	白色
A	卡件	黄铜	1	镀银

Company Information: DONGGUAN BAOXUN PRECISION TECHNOLOGY CO., LTD

Part Information: TS1302-TD35HAM

Scale: 1:1

Sheet: 1 of 1

Unit: mm

Layer: bxconn

Approved: WILL

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