

Technical drawing of a Tact Switch (TS1703-TZXXHXM) showing various views, dimensions, and specifications.

Views and Dimensions:

- Top View:** Dimensions include 8.6±0.2, 6.00±0.2, 4.50±0.1, 6.00±0.2, and 4-0.70.
- Side View:** Dimensions include 3.45±0.1 and H±0.1.
- Isometric View:** Shows the switch assembly with dimensions 35:3.5H, 38:3.8H, 43:4.3H, and 5.60.
- Exploded View:** Shows the assembly components (A, B, C, D, E) and their relative positions.
- PCB WELDING DRAWING:** Shows the switch footprint with dimensions 6.5, 9.50, 3.40, and 5.60.
- Circuit Diagram:** Shows the switch symbol and terminal connections (1, 2, 3, 4).

Specifications 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	±50gf
行程 Travel	0.20±0.10mm
绝缘电阻 Insulated resistance	≥100MΩ
介电强度 Dielectric strength	≥250VAC/1min

Assembly and Packaging Information:

- 安装方式:** T:贴片, C:插件, B:沉板, J:包脚
- 定位柱:** D:带柱, Z:不带柱
- 高度:** 35:3.5H, 38:3.8H, 43:4.3H,
- 力度:** A:160g, B:260g
- 包装方式:** M:盘装, S:袋装

Material and Quantity Table:

Item	名称	材质	数量	表面处理/颜色
E	按钮	PPA	1	黑色
D	盖板	铁盖板	1	镀铜锡
C	弹片	不锈钢	1	镀银
B	本体	PPA	1	黑色
A	卡件	黄铜	1	镀银

General Tolerance: DONGGUAN BAOXUN PRECISION TECHNOLOGY CO., LTD

Dimensions and Tolerances:

DIM.	TOL.
X	
X.X	±0.30
X.XX	±0.25
X.XXX	±0.15
GENERAL ANGLE:	±3°

Part Information:

- TITLE:** TACT SWITCH
- DWG. NO.:** TS1703-TZXXHXM
- PART NO.:** TS1703-TZXXHXM
- UNIT:** mm
- SCALE:** none
- SHEET:** 1 of 1
- DWG. SIZE:** A4
- LAYER:** bxconn

Approval and Drawing Information:

- DRAWN:** MAX
- CHECKED:** ELLA
- APPROVED:** WILL

QR Code: BXCNN

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