

Technical drawing of a 16mm push button switch. The drawing includes three views: a top view, a side view, and a front view. The top view shows a circular base with a diameter of $\varnothing 17.7$ and a central actuator with a diameter of 8. The side view shows the actuator with a 12° angle and a total height of 44.5. The front view shows the switch body with a diameter of $\varnothing 16^{+0.2}_{-0}$ and a height of 7.8. The circuit diagram shows a normally closed (NC) contact and a normally open (NO) contact, with a common terminal (C).

Dimensions:

- Top View: $\varnothing 17.7$ (outer diameter), 8 (actuator diameter), 4.5 (actuator height).
- Side View: 12° (actuator angle), 13.1 (actuator height), 5 (thread height), 9.4 (thread length), 44.5 (total height), 7.8 (base height).
- Front View: $\varnothing 16^{+0.2}_{-0}$ (base diameter), 7.8 (base height).

Circuit Diagram:

CIRCUIT	
● NC	
● C	○ NO

Material:

- Actuator: SUS
- Top Base: SUS

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Actuator: SUS ;
Top Base: SUS;
Bottom Base: PA66+GF ;
Terminal: Brass, Silver plated ;
Nut: Brass, Ni plated .

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LED Specifications

W6	白色	5.0	6.0	9.0	15
U6	蓝色	5.0	6.0	9.0	15
G6	纯绿色	5.0	6.0	9.0	15
Y6	黄色	5.0	6.0	9.0	15
R6	红色	5.0	6.0	9.0	15
W3	白色	2.8	3.0	3.4	15
U3	蓝色	2.8	3.0	3.4	15
G3	纯绿色	2.8	3.0	3.4	15
Y2	黄色	1.8	2.0	2.4	15
R2	红色	1.8	2.0	2.4	15
灯发光颜色 X Emitted color X	最小 一般 最大 额定电压(V)				额定 电流 (mA)

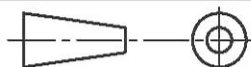
LED 类型	双向LED灯珠（交直流通用）			U3	蓝色	2.8	3.0	3.4	15
寿 命	40000小时（参考值）			G3	纯绿色	2.8	3.0	3.4	15
额定电压	AC/DC12V	AC/DC24V	AC/DC110V	Y2	黄色	1.8	2.0	2.4	15
	AC/DC36V	AC/DC48V	AC/DC220V	R2	红色	1.8	2.0	2.4	15
额定电流	约15mA		约3mA	灯发光颜色 X Emitted color X	最小	一般	最大	额定 电流 (mA)	
降压方式	采用3V灯，需内置电阻				顺向电压(V)				



东莞市溪榜电子有限公司
DONG GUAN XI BANG ELECTRONICS CO.,LTD

TITLE : METAL PUHS BUTTON SWITCH

MODEL : XB-TM16-13-RG3-S0



TOLERANCE
 $\leq 1.5\text{mm} \pm 0.1$
 $> 1.5\text{mm} \pm 0.2$
 $> 10\text{mm} \pm 0.3$

ANGLE
 $\pm 2^\circ$

UNIT :	MM	DWN.	ZENQ. CHEN	DATE	
SCALE :	3 : 1	CHK'D	PENG. GAO	DATE	
VERSION	01	APPD.	FEI. LONG. HE	DATE	

7	SPRING	STEEL WIRE	1	NATURE
6	STEEL BALL	STEEL	1	NATURE
5	BOARD	PHENOLIC RESIN	1	NATURE
4	CONTACT CLIP	PBS STRIP	2	Ag PLATED
3	FRAME	IRON STRIP	1	Ni PLATED
2	TERMINAL	BRASS STRIP	8	Ag PLATED
1	KNOB	POM	1	BLACK
NO.	PART NAME	MATERIAL	QTY.	FINISHING