

## GT08系列超薄按键开关-1.6mm行程

GT08-Ultrathin Mechanical Keyboard Switch-1.6mm Travel



### ■特点 Features

- ◆带触感响声或平滑静音可供选择 -With tactile sound or smooth mute for selection
- ◆触感平稳自然，触按键角绝无卡滞现象 -Feel smooth and natural, no touch key angle card lag phenomenon
- ◆寿命可达1000万次以上 -Life can reach more than 10 million times
- ◆可配RGB-LED等增加炫彩背光 -Can be equipped with RGB-LED lights added colorful backlight
- ◆专利产品，全球首创 -Patent products, the world's first

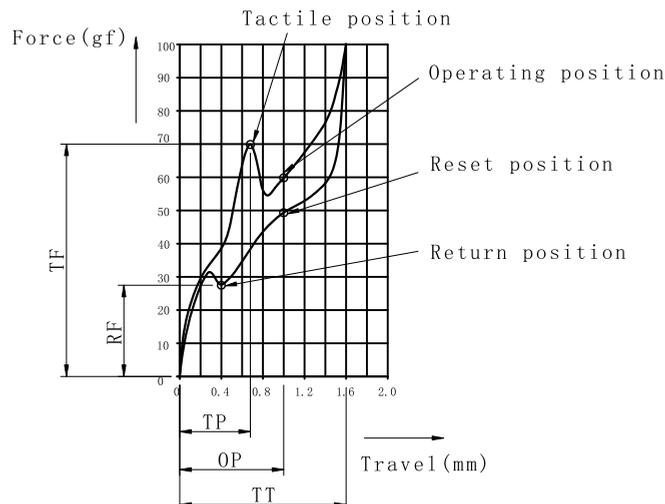
### ■用途 Applications

- ◆笔记本电脑键盘  
Notebook computer keyboards

### ■规格参数 Specification and Parameters

电气特征 Electrical Characteristics	额定负荷 Rating	12V DC/AC Max. 10mA AC/DC max
	初始接触电阻 Initial Contact Resistance	200mΩMax
	绝缘电阻 Insulation Resistance	100mΩMin
	耐电压 Voltage Resistance	AC 100V (50-60Hz) 1 Minute
	电气寿命 Electrical Life	Over 20,000,000 cycles (Load)
	弹跳时间 Bounce Time	操作速度 < 400mm/s 5msec (operation speed at < 400mm/sec)
特性参数 Parameters	触感力 Tactile Force (TF)	70±15gf
	触感行程 Tactile Position (TP)	0.65±0.2mm
	操作行程 Operating Position (OP)	(TP±0.05) ≤ OP ≤ 1.2mm
	全行程 Total Travel (TT)	1.6±0.3mm
	回复力 Return Force (RF)	RF=20gf Min
	机械寿命 Mechanical Life	1000万次以上 (无负载下) Over 10,000,000 Cycles (NO Load)
	使用温度 Operating Temperature Range	-40°C ~ +80°C
	使用湿度 Ambient Humidity	≤ 85%RH
	手工焊接条件 Hand soldering Condition	3Sec Max. 360°C ± 10°C

### ■行程力度曲线 Travel-force curve

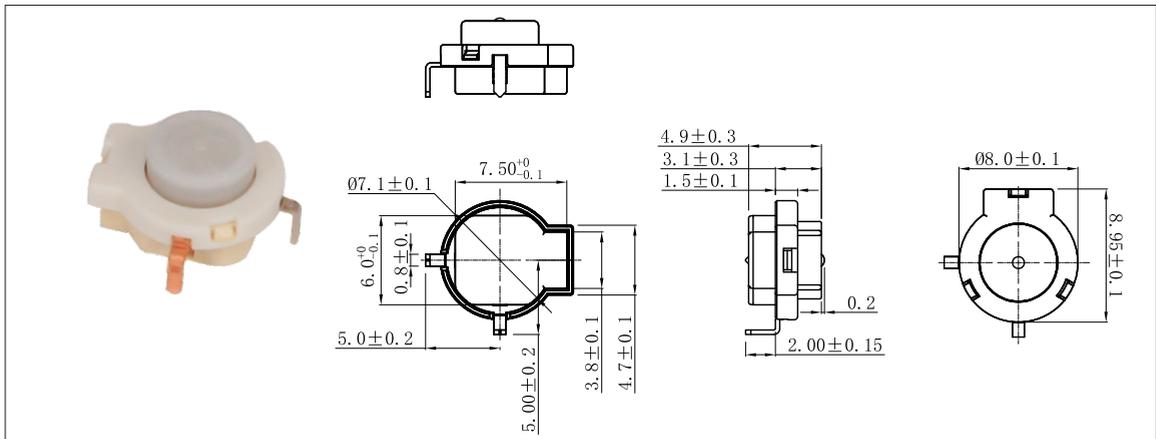


## GT08系列按键开关订货指引 GT08 Series Keyswitch Ordering Instruction

GT08	A	I	C		N	P	A1				
冠泰开关 型号 GUANTAI Switch Type	开关总高度 Keyswitch Height	操作力代码Code of Operating Force	操作力特征和按键类别 Operating Characteristics and Key Stem Style		LED二极管 LED Diode	安装选择 Mounting Options	特殊要求行程Special requirements travel				
A	4.9mm	1	OF=70±15gf	A	单极, 标准型, 黑色按键 single pole, standard type, black key stem	N	无LED, 无二极管 No LED, No Diode	P	插脚式 With pins	A1	接通行程要求低于0.95mm The switch on stroke is less than 0.95mm
B	其他 Other	2	其他待定义	C	单极, 触感型, 带响声, 白色半透明按键 single pole, tactile feel, sound, white translucent key stem			S	贴片式 Suitable	A2	其他待定义 Other to be defined

### 尺寸 Dimensions

单位/Unit:mm



### 电路板孔设计 Circuit Board Layouts

