

GT11系列超薄按键开关-2.5mm行程
GT11-Ultrathin Mechanical Keyboard Switch-2.5mm 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2000万次以上 -Life can reach more than 10 million times
- ◆可配RGB-LED灯增加炫彩背光 -Can be equipped with RGB-LED lights added colorful backlight
- ◆专利产品, 全球首创 -Patent products, the world's first

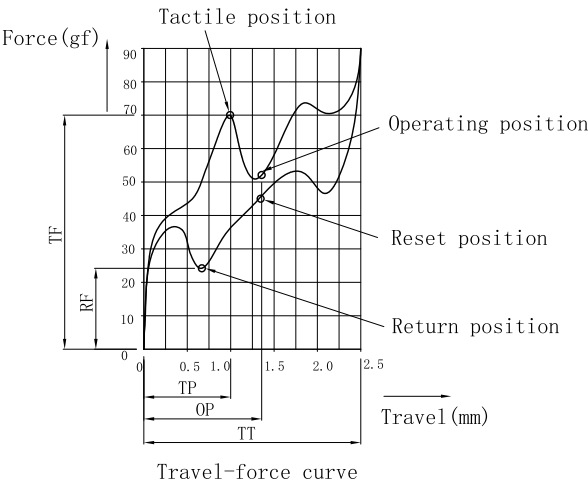
■ **用途 Applications**

- ◆ 笔记本电脑键盘
Notebook computer keyboards

■ **规格参数 Specification and Parameters**

电气特性 Electical Characteristics	额定负荷 Rating	12V DC/AC max.10mA AC/DC max
	初始接触电阻 Initial Contact Resistance	200m Ω Max
	绝缘电阻 Insulationg Resistance	100M Ω Min
	耐电压 Voltage Resistance	AC 100V (50-60Hz) 1 Minute
	电气寿命 Electrical Life	Over 10,000,000 cycles(Load)
	弹跳时间 Bounce Time	操作速度为400mm/s 5msec (operation speed at 400mm/sec)
特性参数 Parameters	触感力 TactileForce(TF)	70 ±15gf
	触感行程 Tactile Position(TP)	1.0±0.3
	操作行程 OperatingPosition(OP)	(TP+0.1) ≤OP≤1.6mm
	全行程 TotalTravel(TT)	2.5±0.2mm (GT11A) 2.5+0/-0.3 mm (GT11B)
	回复力 Return Force(RF)	RF=20gf Min
	机械寿命 Mechanical Life	2000 万次以上(无负载下)Over 20,000,000 Cicles (NoLoad)
	使用温度 Operating Temperature Range	- 40℃ ~ +80℃
	使用湿度 Ambient Humidity	≤85%RH
	手工焊接条件Hand soldering Condition	3Sec Max.at 360℃±10℃

■ **行程力度曲线 Travel-force curve**

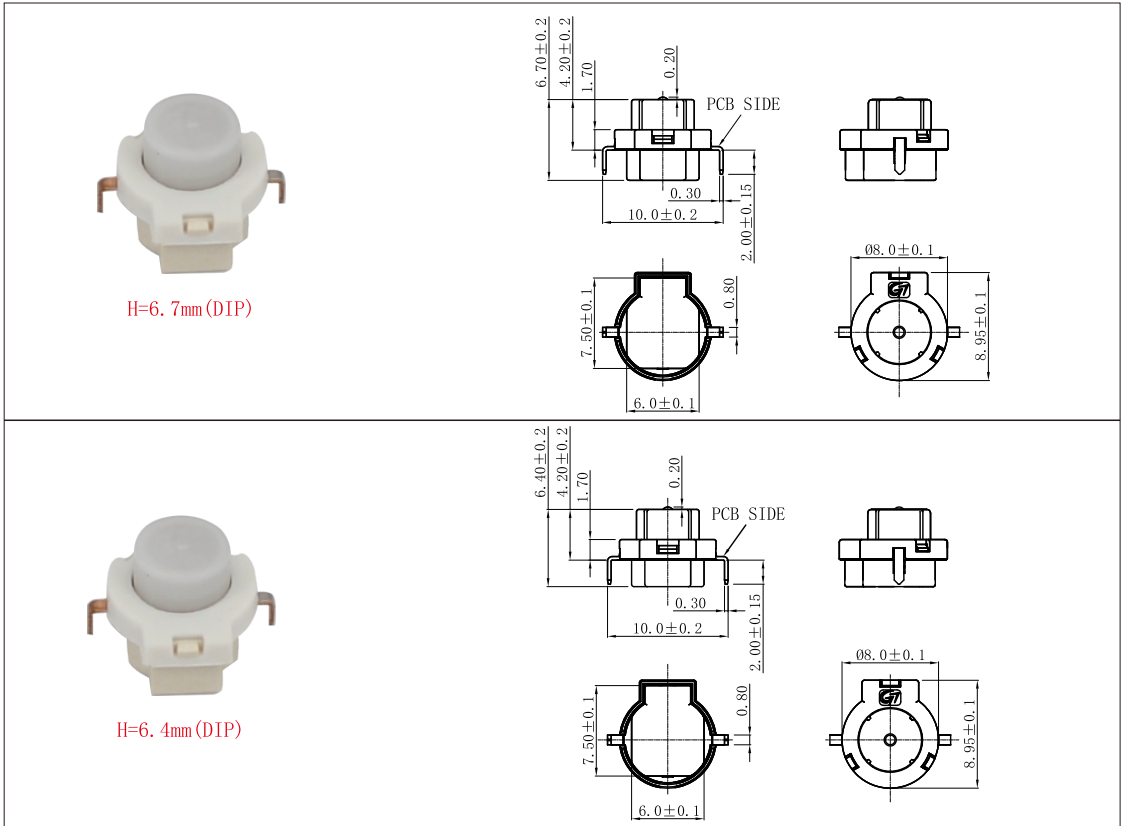


GT11 系列按键开关订货指引
GT11 Series Keyswitch Ordering Instruction

GT08	A		I		C		N		P	
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	
	A	6.7mm	1	0F=70±15gf	A	单极，标准型，黑色按键 singlepole, standard type, black key stem	N	无LED，二极管 No LED, No Diode	P	插脚式 With pins
	B	6.4mm	2	其他待定义	C	单极，触感型，带响声，白色半透明按键 singlepole, tactile feel, sound, white translucent key stem			S	贴片式 Suitable
	C	其他 Others								

■ 尺寸 Dimensions

单位/Unit:mm



■ 电路板孔设计 Circuit Board Layouts

