

GT11-Ultrathin Mechanical Keyboard Switch-2.5mm Travel



■ Features

- With tactile sound or smooth mute for selection
- Feel smooth and natural, no touch key angle card lag phenomenon
- Life can reach more than 10 million times
- Can be equipped with RGB-LED lights added colorful backlight
- Patent products, the world's first

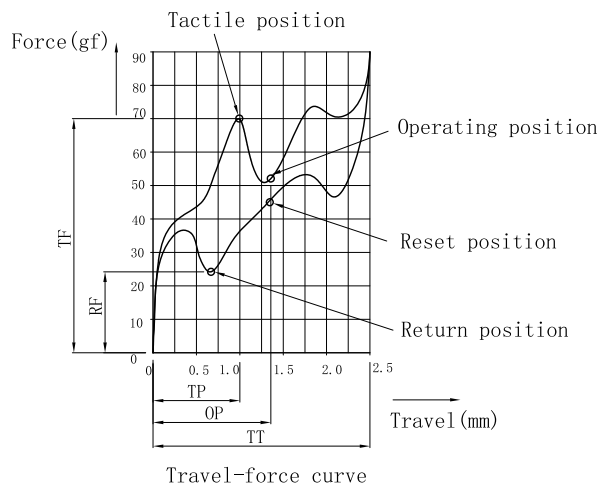
■ Applications

- ◆ Notebook computer keyboards

■ Specification and Parameters

Electical Characteristics	Rating	12V DC/AC max.10mA AC/DC max
	Initial Contact Resistance	200m Ω Max
	Insulationg Resistance	100M Ω Min
	Voltage Resistance	AC 100V (50-60Hz) 1 Minute
	Electrical Life	Over 10,000,000 cycles (Load)
	Bounce Time	400mm/s 5msec (operation speed at 400mm/sec)
Parameters	Tactile Force (TF)	70 ±15gf
	Tactile Position (TP)	1.0 ±0.3
	Operating Position (OP)	(TP+0.1) ≤ OP ≤ 1.6mm
	Total Travel (TT)	2.5 ±0.2mm (GT11A) 2.5+0/-0.3 mm (GT11B)
	Return Force (RF)	RF=20gf Min
	Mechanical Life	2000 Over 20,000,000 Cicles (NoLoad)
	Operating Temperature Range	- 40°C ~ +80°C
	Ambient Humidity	≤85%RH
	Hand soldering Condition	3Sec Max.at 360°C ±10°C

■ Travel-force curve

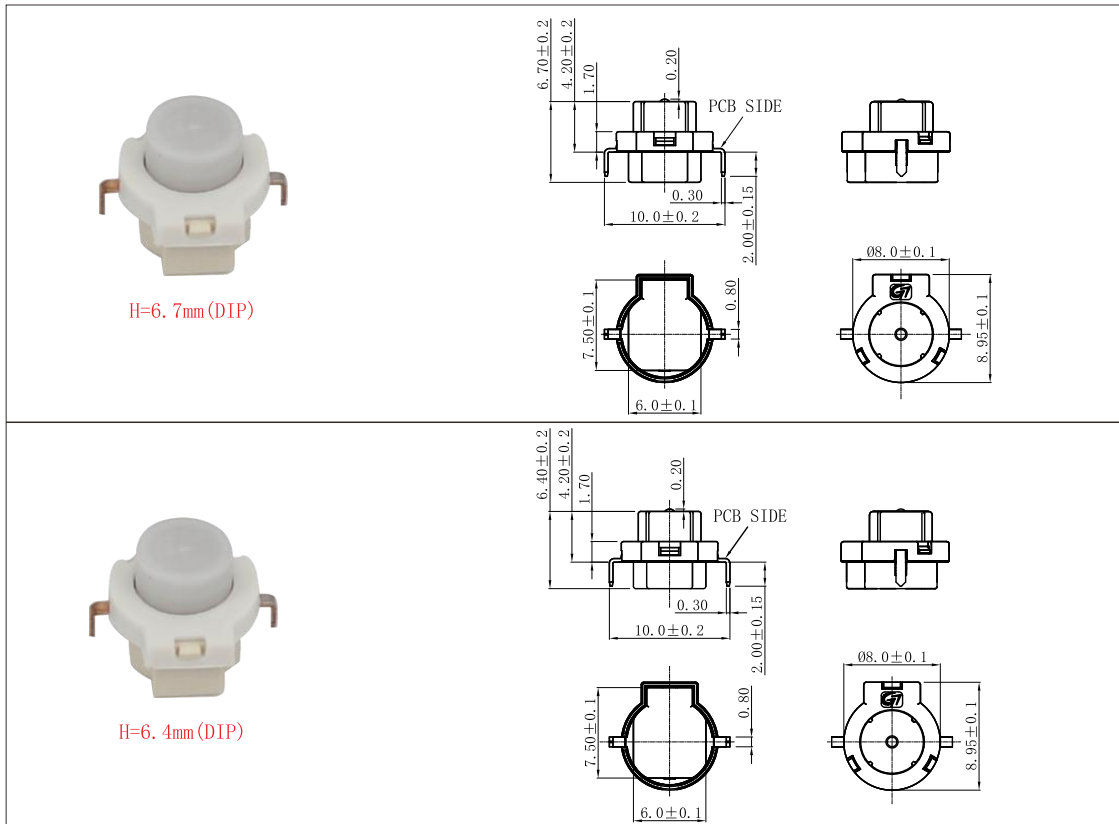


GT11 Series Keyswitch Ordering Instruction

GT08	A		I		C		N		P				
QUANTAI Switch Type	Keyswitch Height		Code of Operating Force		Operating Characteristics and Key Stem Style			LED Diode		Mounting Options			
	A	6.7mm	1	OF=70±15gf	A	single pole, standard type, black key stem			N	No LED, No Diode		P	With pins
	B	6.4mm	2	Others	C	single pole, tactile feel, sound, white translucent key stem						S	Suitable
C	Others												

■ Dimensions

Unit:mm



■ Circuit Board Layouts

