

CIRCUIT DIAGRAM



## GT-TC179B-H0665-L1

**G-Switch**

**Operating Force**

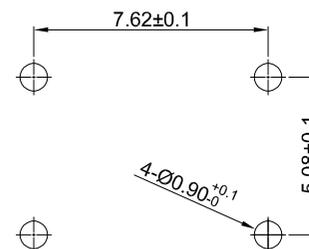
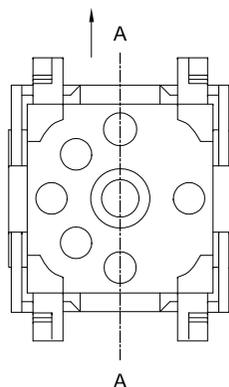
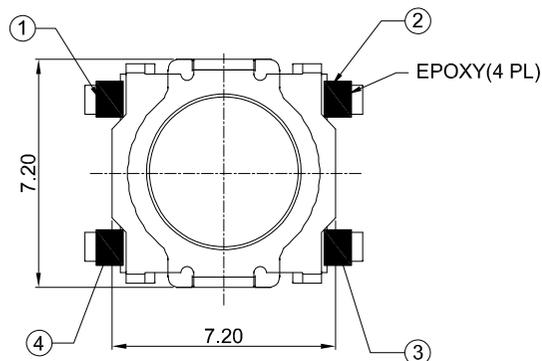
A=130gf Travel=0.55mm  
 B=200gf Travel=0.55mm  
 C=300gf Travel=0.70mm  
 D=500gf Travel=0.85mm

**Switch Height**  
 H0665=6.65mm

**Switch lifetime**  
 L1=100,000 Cycles

**G-Switch Specification:**

1. Operating temperature range: -40°C to +85°C
2. Rating: 50mA, 12V DC
3. Insulation resistance: 100MΩ min, 100V DC
4. Dielectric strength: 250V AC for 1 m<sup>2</sup>+7041in
5. Contact resistance: 100m Ω max.
6. Travel: AB=0.55±0.25, C=0.7±0.25, D=0.85±0.25mm
7. Water Resistance: IPX7



PCB LAYOUT TOP VIEW

6	BUTTON	STAINLESS STEEL	
5	COVER	STAINLESS STEEL	
4	SHIM	HIGH TEMPERATURE PLASTIC	BLACK
3	CONTACT	STAINLESS STEEL	Ag PLATING
2	TERMINAL	COPPER ALLOY	Ag PLATING
1	BASE	HIGH TEMPERATURE PLASTIC	BLUE
NO.	PART NAME	MATERIAL	REMARK



SCALE: 1:1 UNIT: mm  
 SIZE: A4

Unless otherwise  
 General Tolerance:  
 X. ±0.30  
 X.x ±0.20  
 X.xx ±0.15  
 X.xxx ±0.10  
 Angles ±3°

Title: Vertical Tact Switch  
 DIP Through hole terminals 7.2×7.2×4.7mm

Molde Code: GT-TC179B-H0665-L1

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.01.31



REV: A0 SHEET: 1/1