

P.C.B LAND DIMENSION



## GT-TC112X-HXXX-LX

**G-SWITCH**

**Operating Force**

- A=160gf
- B=250gf
- C=100gf
- D=300gf
- E=130gf

**Switch lifetime (Force)**

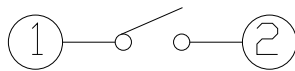
- L05=50,000 Cycles
- L1=100,000 Cycles
- L3=300,000 Cycles
- L5=500,000 Cycles
- L10=1,00,000 Cycles

**Switch Height (mm)**

- H043=4.3 H045=4.5
- H050=5.0 H055=5.5
- H060=6.0 H065=6.5
- H070=7.0 H075=7.5
- H080=8.0 H085=8.5
- H090=9.0 H095=9.5
- H100=10.0mm

**G-Switch Specification:**

Operating temperature range -30 to+85  
 Rating 50mA.12V DC  
 Insulation resistance: 100M $\Omega$  min.100V DC  
 Dielectric strength 250V AC for 1 min  
 Contact resistance: 100m  $\Omega$  max.  
 Travel:0.25 $\pm$ 0.1mm



CIRCUIT DIAGRAM



G-Switch Electronic (HongKong) CO.,Ltd.

Unless otherwise specified, Tolerance:  
 X.  $\pm 0.30$   
 X.x  $\pm 0.20$   
 X.xx  $\pm 0.15$   
 X.xxx  $\pm 0.10$   
 Angles  $\pm 3^\circ$

DESIGN FengFengChen	DATE 2019.05.29
CHECKED	DATE
APPROVED	DATE
<a href="http://www.dg-switch.com">http://www.dg-switch.com</a>	
TEL:0769-82388879	

Molde code:		
GT-TC112X-HXXX-LX		
REV.: X1	SCALE: 4:1	UNIT: mm
SIZE: A4	SHEET: 1/1	