



CIRCUIT DIAGRAM

P.C.B LAND DIMENSION

GT-TCX89X-HXXX-LX

G-Switch

Operating Force

- A=160gf B=250gf
- C=100gf D=70gf
- E=130gf F=320gf
- G=400gf J=180gf

Switch lifetime (Force)

- L05=50,000 Cycles (B, F, G)
- L1=100,000 Cycles (A, B)
- L3=300,000 Cycles (A, B, C, D, E)
- L5=500,000 Cycles (A, B, C, D, E)

Switch Height (mm) A=ØA

- H043=4.3 A=3.5 H050=5.0 A=3.5
- H055=5.5 A=3.5 H060=6.0 A=3.5
- H065=6.5 A=3.5 H070=7.0 A=3.3
- H080=8.0 A=3.3 H085=8.5 A=3.3
- H090=9.0 A=3.3 H095=9.5 A=3.0
- H100=10.0 A=3.0 H105=10.5 A=3.0
- H110=11.0 A=3.0 H115=11.5 A=3.0
- H120=12.0 A=3.0 H125=12.5 A=3.0
- H130=13.0 A=3.0 H135=13.5 A=3.0
- H140=14.0 A=3.0 H145=14.5 A=3.0
- H150=15.0 A=3.0 H155=15.5 A=3.0
- H160=16.0 A=3.0 H165=16.5 A=3.0
- H170=17.0 A=3.0 H175=17.5 A=3.0
- H180=18.0 A=3.0 H185=18.5 A=3.0
- H190=19.0 A=3.0 H195=19.5 A=3.0
- H200=20.0 A=3.0 H205=20.5 A=3.0
- H210=21.0 A=3.0 ...

Terminal Type

- 0=DIMA8.5mm
- DIMB9.6mm
- A=DIMA9.2mm
- DIMB10.3mm

G-Switch Specification:

- Operating temperature range: -30°C to +85°C
- Rating: 50mA, 12V DC
- Insulation resistance: 100MΩ min, 100V DC
- Dielectric strength: 250V AC for 1 min
- Contact resistance: 100mΩ max.
- Travel: 0.25±0.1mm



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

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

DESIGN LI CHUANG DATE 2019.05.29  
 CHECKED DATE  
 APPROVED DATE  
<http://www.dg-switch.com>  
 TEL: 0769-82388879

Molde code:  
 GT-TCX89X-HXXX-LX  
 REV.: X1 SCALE: 4:1 UNIT: mm  
 SIZE: A4 SHEET: 1/1

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Tactile Switches](#) category:*

*Click to view products by [G-Switch](#) manufacturer:*

Other Similar products are found below :

[5GTH92001](#) [5GTH9202242](#) [ADTSA62NV](#) [ADTSA62RV](#) [B3F-3123](#) [1977177-8](#) [1977266-1](#) [ADTSA63NV](#) [ADTSM21NSVTR](#)  
[ADTSM25RVTR](#) [ADTSM32NVTR](#) [ADTSMW64RV](#) [FSMRA4JHA04](#) [GS4.70F300QP](#) [3ESH9R](#) [KSC241J SP DELTA LFS](#) [3FTL600RAS](#)  
[3FTL640RAS](#) [Y96K132V0FPLFS](#) [5GSH92001](#) [5GTH9658222](#) [ADTSM31NVTR](#) [2-1977120-7](#) [TSJW-5.2-260-TR](#) [KMT011MNGJLHS](#)  
[ADTSG648NV](#) [ADTSM62KSVTR](#) [ADTSM648NV](#) [95C06E3RAT](#) [3ATH9Q](#) [FSM4JSMLXTR](#) [FSM4JSMXL](#) [FSMRA8JHA04](#) [HARS0073](#)  
[Y97HS12A5RAFP](#) [Y97BT23B2HAFP](#) [Y33R411N9FPLFT](#) [Y31C01402FPLFS](#) [PTS645SK50SMTR92](#) [ADTSM32NVB](#) [KMS233GPWTLFG](#)  
[Y78B42324FP](#) [Y33R21116FPLFT](#) [Y31B43131FPLFG](#) [Y78B64124FP](#) [Y71243251FP](#) [Y33R31119FPLFT](#) [Y97HS12A5TAFP](#)  
[PTS638SK25SMTR2LFS](#) [Y97LT25BADBFP](#)