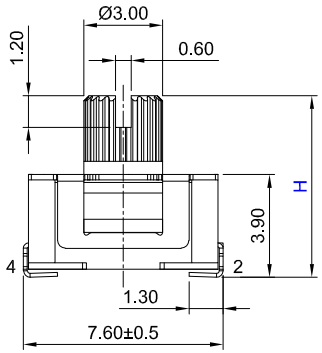




POSITIONS

F	E	D	C	B	A	9	8	7	6	5	4	3	2	1	0	
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	C
●		●		●		●		●		●		●		●		1
●	●			●	●			●	●			●	●			2
●	●	●	●					●	●	●	●					4
●	●	●	●	●	●	●	●									8

CODE

CIRCUIT DIAGRAM

GT-R 7001 X X-HXXX A

G-Switch

Rotary switch

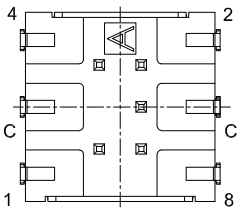
Series No
7=7.2*7.2mm

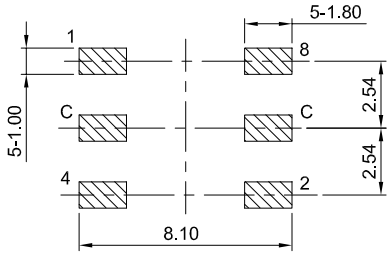
Derivative code
B=Bend
D=Dip
S=Smt

Detail

Switch Height(mm)
DIP: H036=3.6 H066=6.6 H081=8.1
SMT: H038=3.8 H068=6.8 H083=8.3
BEND: H039=3.9 H069=6.9 H084=8.4

Number of gears
A=4th gear
B=10th gear
C=16th gear





PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

G-Switch Specification:
1.Operating temperature range: -40°C ~ +85°C
1.Rating: 100mA.50V DC
2.Contact resistance: 100mΩ max
3.Insulation resistance: 1000MΩ min.100V DC
4.Dielectric strength: AC 250V for 1 min
5.Rotational torgue: 40~200gf
6.Switch life: 10, 000cycles
7.Waterproof grade: IP65

Remarks： This page is for reference only. Please refer to the second page for specific selection.

NO.	PARTS	MATERIAL	REMARKS
1	HOUSING	PA+G	
2	COVER	SUS	
3	ROTOR	LCP+G	
4	TERMINAL	C5210	Au PLATED
5	CONTACT PLATE	C17200	Au PLATED
6	O-RING	SILICONE RUBBER	
7	SPACER	SUS	

RoHS Compliant
EU RoHS Standards

SCALE: 1:1	UNIT: mm	Title:	Vertical Rotary switch DIP/SMT 7.2*7.2*Hmm
SIZE: A4		Model Code:	GT-R7001XX-HXXXA

Unless otherwise General Tolerance:

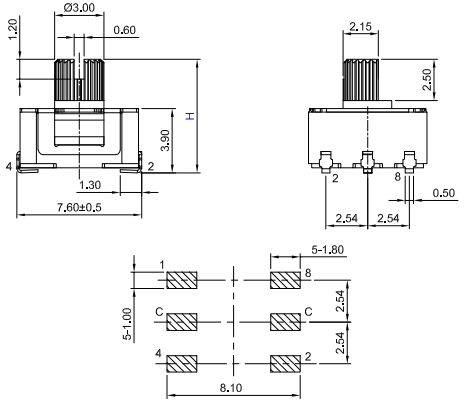
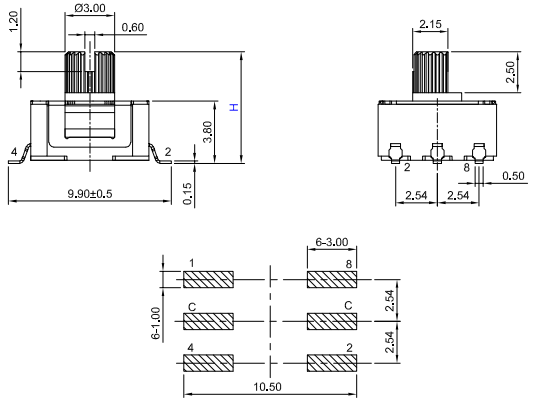
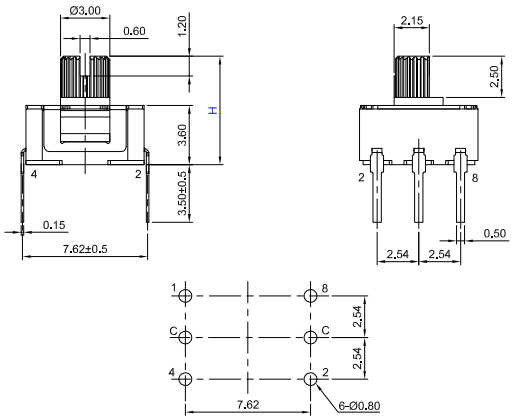
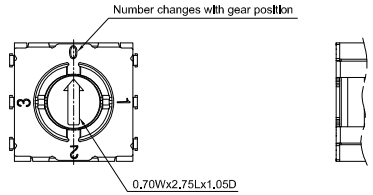
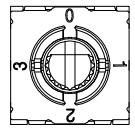
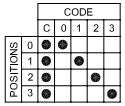
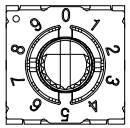
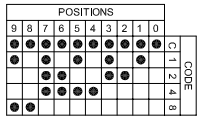
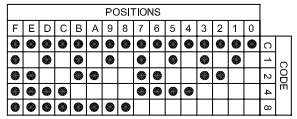
X.	±0.40
X.x	±0.30
X.xx	±0.20
X°	±3°

DRAWN	CHECKED	APPROVED	DATE
Lai	Lai	Chen	2025.11.12

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www.dg-switch.com

REV: A0 SHEET: 1/2

OPTIONAL ITEMS

DERIVATIVE CODE			
	B=Bend	S=Smt	D=Dip
SWITCH HEIGHT (mm)			
	H036/H038/H039	H066/H068/H069	H081/H083/H084
NUMBER OF GEARS	 	 	 
	A=4th gear	B=10th gear	C=16th gear

RoHS Compliant
EU RoHS Standards

SCALE: 1:1	UNIT: mm	Title:	Vertical Rotary switch DIP/SMT 7.2*7.2*Hmm		
SIZE: A4		Model Code:	GT-R7001XX-HXXXA		
Unless otherwise General Tolerance: X. ±0.40 X.x ±0.30 X.xx ±0.20 X° ±3°		DRAWN	CHECKED	APPROVED	DATE
		Lai	Lai	Chen	2025.11.12
		REV: A0		SHEET: 2/2	

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