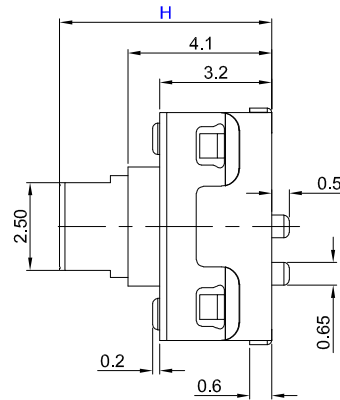
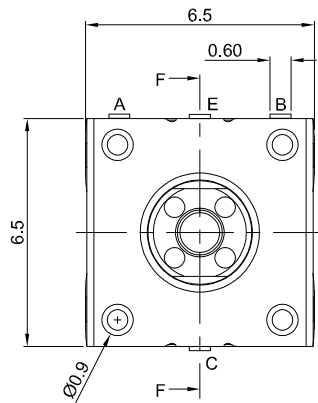


GT-E V C 04 X X X - L1

Manufacture
GT=G-Switch

Product name
E=Encoder

Type
V=Vertical

Pulse
C=6 Pulse 12 clic

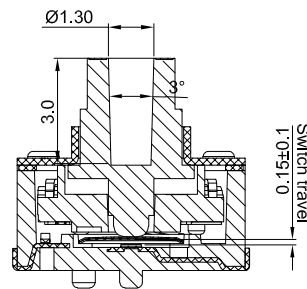
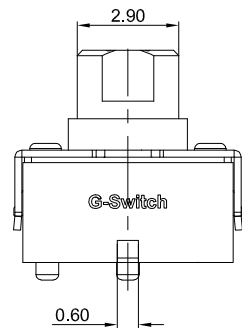
Code
04=Type 4

Switch Lifetime
L1=100,000 Cycles

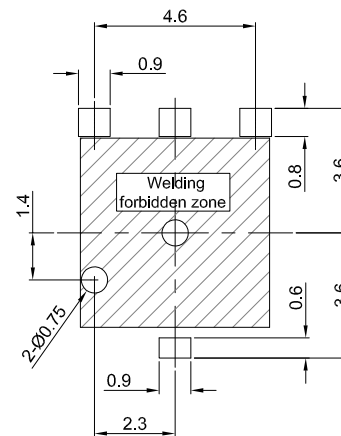
Switch function
A=With switch 200gf
B=With switch 300gf

Operating Force
A=15±6gf With cc
B=35±15gf With cc
C=8gf Without cc
D=18gf~40gf With cc

Switch Height(mm)
6=H6.05
7=H7.05



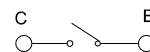
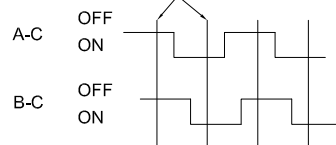
SECTION F-F



RECOMMENDED PCB LAYOUT
T=0.3~0.8 TOLERANCE:±0.1

CW ROTATION

DETENT POSITION

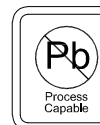


CIRCUIT DIAGRAM

G-Switch Specification:

1. Operating temperature range: -40°C ~ +85°C
2. Rating: 10mA.5V DC
3. Insulation resistance: 100MΩ min. 100V DC
4. Dielectric strength: 300V AC for 1 min
5. Contact resistance: 100m Ω max.
6. Travel: 0.15±0.10mm

1	KNOB	1	COPPER ALLOY	BLACK
2	COVER	1	STAINLESS STEEL(SUS304)	-
3	WHEEL GEAR	1	ENGINEERING PLASTIONS(PA46)	BLACK
4	CONTACTSPRING	1	COPPER ALLOY	-
5	ANCHOR PLATE	1	STAINLESS STEEL(SUS301)	-
6	SHRAPNEL	2	STAINLESS STEEL(SUS301)	WITH SILVER CLADDING
7	BASE	1	ENGINEERING PLASTIONS	BLACK
8	TERMINAL	1	COPPER ALLOY(C5191)	WITH SILVER CLADDING
ITEM	DESC	Q'TY	MATERIAL	REMARK



RoHS
Compliant
EU RoHS Standards

SCALE: UNIT: mm
SIZE: A4

Unless otherwise
General Tolerance:
X..x ±0.20
X..xx ±0.15
X..xxx ±0.10
X" ±2"

Title: Vertical Encoder With Switch
SMT 6.5×6.5×Hmm 6P/12C

Molde Code: GT-EVC04XXX-L1

DRAWN	CHECKED	APPROVED	DATE
Lal	Xia	Chen	2025.07.23

品赞科技®
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1