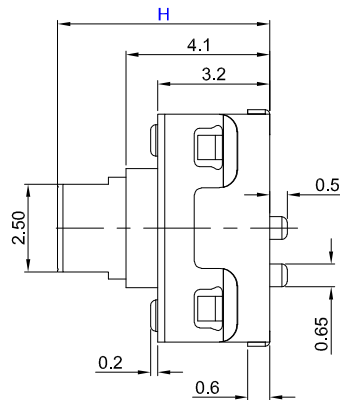
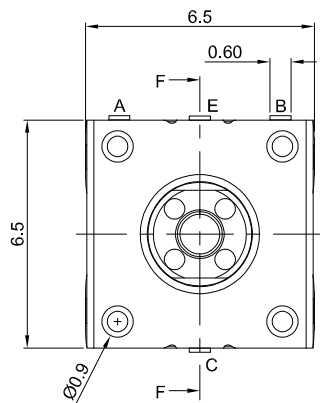


GT-E V C 04 X X X - L1

Manufacture
GT=G-Switch

Product name
E=Encoder

Type
V=Vertical

Pulse
C=6 Pulse 12 clic

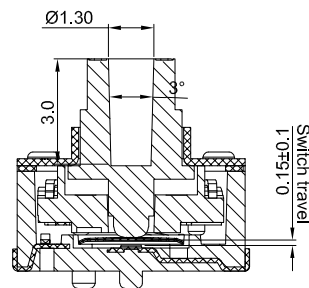
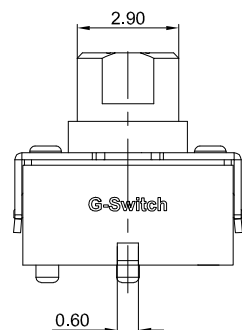
Code
04=Type 4

Switch Lifetime
L1=100,000 Cycles

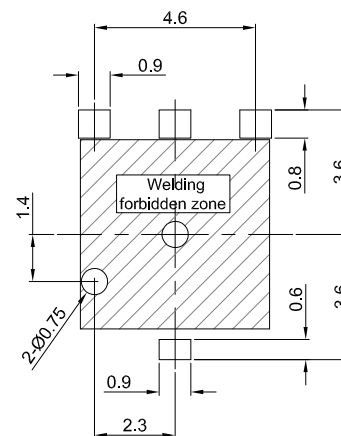
Switch function
A=With switch 200gf
B=With switch 300gf

Operating Force
A=15±6gf With cc
B=35±15gf With cc
C=8gf Without cc

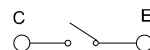
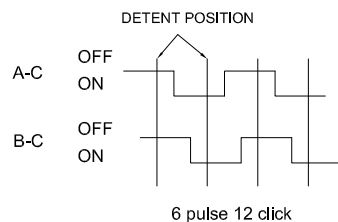
Switch Height(mm)
6=H6.05
7=H7.05



SECTION F-F



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



CIRCUIT DIAGRAM

G-Switch Specification:

1. Operating temperature range: -30°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: 100mΩ 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



SCALE:	UNIT: mm	Title: Vertical Encoder With Switch SMT 6.5×6.5×Hmm 6P/12C			
SIZE: A4		Molde Code: GT-EVC04XXX-L1			
Unless otherwise General Tolerance:		DRAWN	CHECKED	APPROVED	DATE
		Jlang	Xia	Chen	2023.02.01
X..x	±0.20				
X..xx	±0.15				
X..xxx	±0.10				
X"	±2°				



REV: A0 SHEET: 1/1