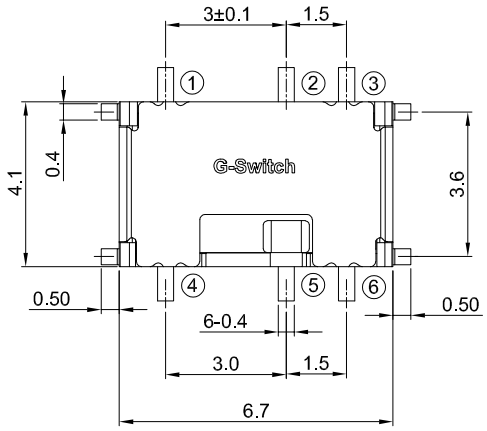
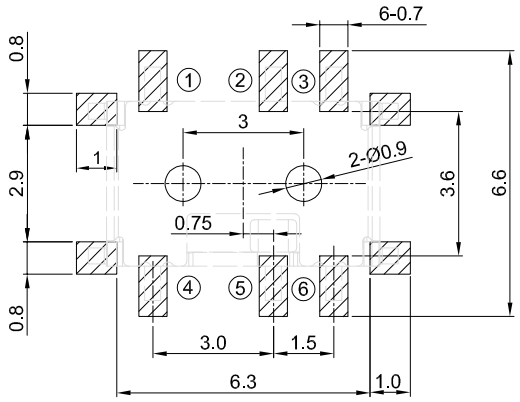
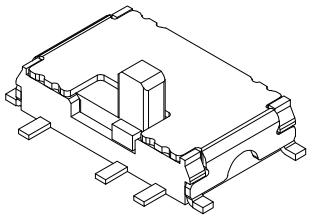




PCB REFERENCE DIAGRAM
TOLERANCE:±0.05



MS-22 C03 A-GXXX-X LX

MS: Vertical

Circuit
22=2P2T

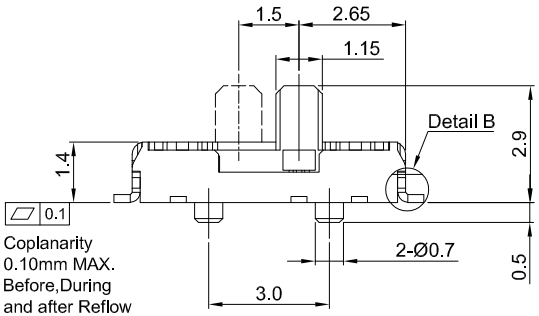
Detail
A=With column

G-Switch P/N

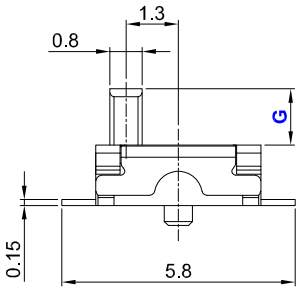
Switch Height(mm)
G015=1.5

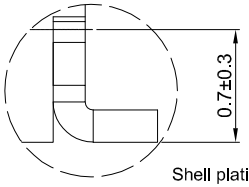
Operating Force
A=200±100gf

Switch lifetime
L01=10,000 Cycles



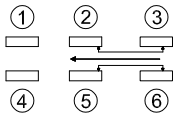
Coplanarity
0.10mm MAX.
Before,During
and after Reflow



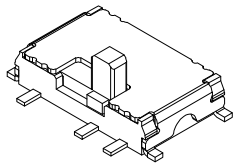


DETAIL B
SCALE:4:1

Shell plating Sn
at support
terminal
(4 PIECES)



CIRCUIT DIAGRAM



G-Switch Specification:

1.Operating temperature range: -40°C ~ +85°C
2.Rating: 300mA.5V DC
3.Insulation resistance: 100MΩ min.100V DC
4.Dielectric strength: 250V AC for 1 min
5.Contact resistance: 100mΩ max.
6.Terminals arrangement: 2P2T
7.Travel: 1.5±0.3mm
8.Switch lifetime: 10,000Cycles

NO.	PART NAME	MATERIAL	REMARK
6	COVER	C2680	Sn PLATED
5	PLUNGER	HIGH TEMPERATURE PLASTIC	PPA BLACK 94V-0
4	SHRAPNEL	SUS301	–
3	CONTACT	PBS	Au PLATED
2	TERMINAL	C5191	Au PLATED
1	BASE	HIGH TEMPERATURE PLASTIC	LCP BLACK 94V-0

Pb Process Capable
RoHS Compliant
EU RoHS Standards

SCALE: 1:1	UNIT: mm	Title: Vertical Mini Slide Switch SMT 6.7×4.1×H1.4mm	
SIZE: A4			
Unless otherwise General Tolerance:		Molde Code: MS-22C03A-GXXX-XLX	
TOLERANCE ON DECIMAL	±0.30		

DRAWN	CHECKED	APPROVED	DATE	REV:	SHEET:
Lal	Xla	Chen	2025.10.14	A0	1/1

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b-Switch
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