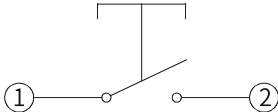
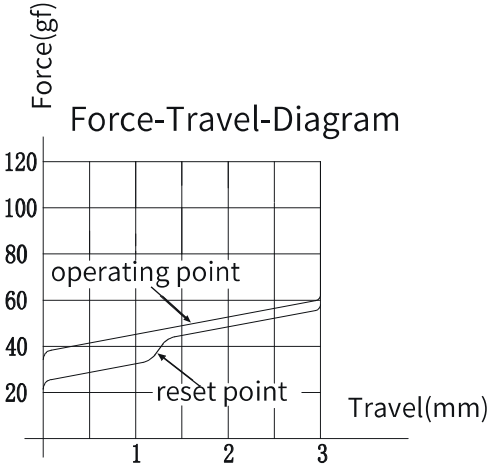


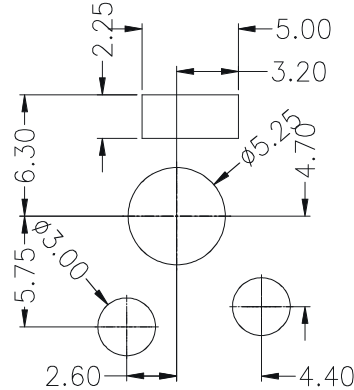
Circuit Diagram



Force-Travel-Diagram




PCB Layout



⑦	Case	Thermoplastics(Black)
⑥	Contact	Au Alloy
⑤	Cover	Thermoplastics(Transparent)
④	Spring	Stainless steel
③	Actuator	Thermoplastics(Red)
②	Terminal	Copper alloy
①	Movable plate	Copper alloy
ITEM	Part Name	Material

Specification:

- 1.Rating:12VAC/DC Max. 2VDC Min. 10mA AC/DC Max,10μA DCMin
- 2.Contact Resistance: 200mΩ Max.
- 3.Insulation Resistance:100MΩ Min(DC100V).
- 4.Wichstand Voltage: AC100V(50~60Hz) for 1 minute.
- 5.Bounce Time: 5msec Max.(at 16 in/sec. actuation speed).
- 6.Operation Force: 50±15gf.
- 7.Pre travel: 1.7±0.4mm.
- 8.Total travel: 3.0±0.2mm
- 9.Operation Life:60,000,000 Cycles(min)

REV.	DATE	MODIFICATION							PRIOR VERSION		
Title/Proj		KS-33 (Low Profile Red Switch 2.0)			Tolerance Unless Otherwise Specified						
Part No		KS-33H10B050NN-Y24	Version	2	~3	>3~10	>10~30	>30~80	>80~180	Angle	
Drawing No		KS-33H10B050NN-Y24	Scale	5:2	±0.2	±0.3	±0.4	±0.6	±0.8	±3°	
Drafted by		Cai Jiakai	Date	2023-01-03	Unit: mm		Size: A4				
Checked by		WuFurong	Date	2023-01-03	THIRD ANGLE 		<div>GATERON</div> <div>GATERON Electronic Technology Co.,Ltd</div>				
Approved by		He Shiyong	Date	2023-01-03							