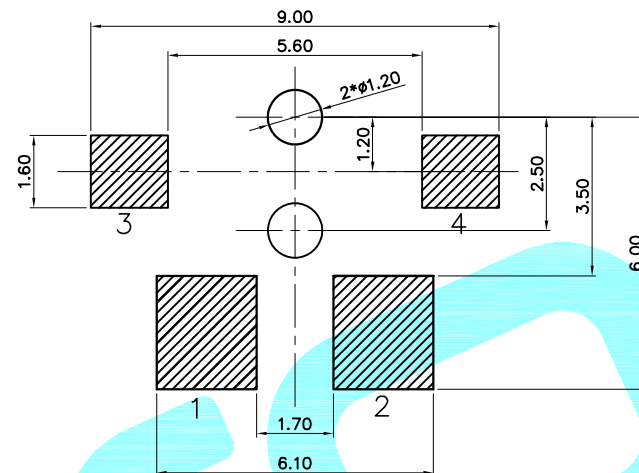
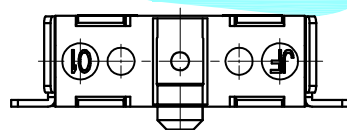
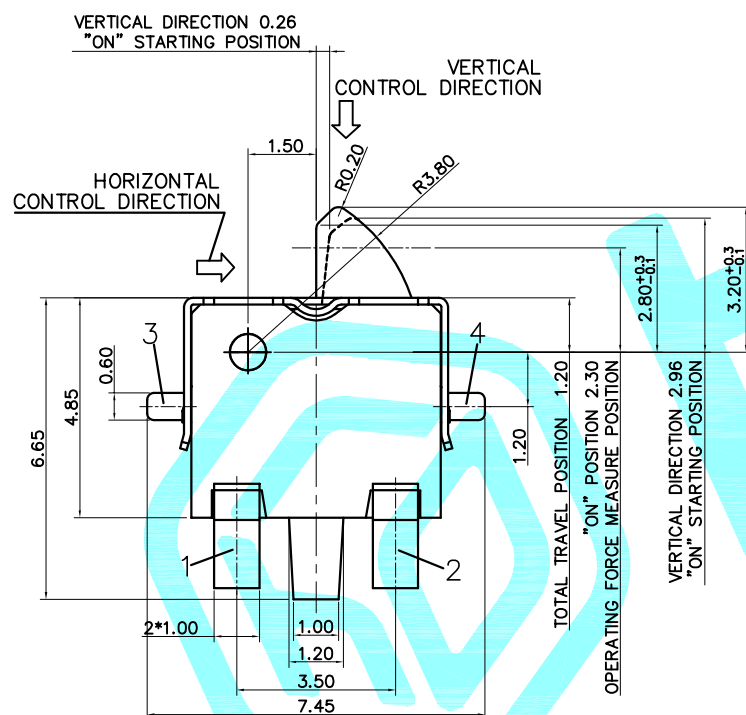


Circuit Diagram

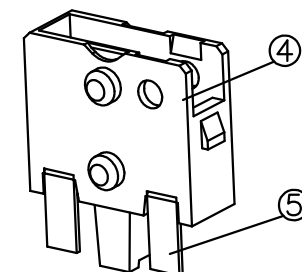
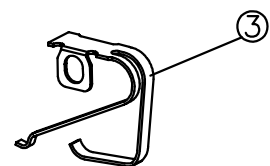
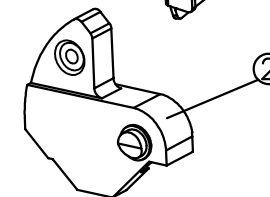
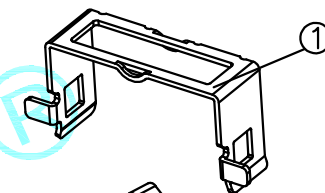


PCB WELDING DIMENSIONS



SPECIFICATION

1. Rating: DC 20V 50mA
2. Contact resistance: 1Ω Max.
3. Insulation resistance: $100M\Omega$ Min, 100V/min
4. Dielectric strength: 100V AC/min
5. Operating force: 50gf Max.
6. Operating life: 100,000 cycles
7. Operating temp: $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$
8. Storage temp: $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$



⑤	TERMINAL	—	1	PHOSPHOR	Ag plating	—
④	HOUSING	—	1	PA	BLACK	—
③	CONTACT	—	1	SUS	Ag plating	—
②	STEM	—	1	LCP	BLACK	—
①	COVER	—	1	SUS	Sn plating	—
ITEM	PART NAME	TER'NO.	QTY.	MATERIAL	FINISHING	REMARK

APPROVALS			DATE							
DRAWN		LIANG	2026.03.17							
CHECKED				TITLE:		DETECTION SWITCH				
APPROVALS				PART NO.		K5-1666SD-01				
TOLERANCES ARE		30~以上	±0.30	ANGLE	UNIT: mm		SCALE: 1:1		PROJ: 	
		10~30	±0.20							
		5~10	±0.15							
		~ 5	±0.10							
		±2'		DRAWING NO.				SHEET 1 OF 1		

ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.	CHECK.	APPRO.
	A		NEW			