



Circuit Diagram

NOTES:

1.Specification:

- 1.1 Operation force: 1000gf Max.
- 1.2 Operation Temperature: -40°C to $+85^{\circ}\text{C}$.
- 1.3 Storage Temperature: -40°C to $+85^{\circ}\text{C}$.
- 1.4 Mechanical Life: 3000 cycles operations.
- 1.5 Resistance to Soldering: $250\pm 5^{\circ}\text{C}$ for 3-5 Seconds.

2.ELECTRICAL:

- 2.1 Non-switch Rating: 100mA at 50V DC.
- 2.2 Switching Rating: 25mA at 24V DC.
- 2.3 Contact Resistance: Initial 50mΩ Max.
Contact Resistance: After life 100mΩ Max.
- 2.4 Insulation Resistance: 100MΩ Min at 100VDC.
- 2.5 Dielectric Strength: 300V AC for 60seconds.
- 2.6 Switch Capacitance: 5PF Max at 1MHZ.

PCB Layout(Pattern Side)

⑤	Contact Spring	—	—	Phosphor bronze	Au Plating	—
④	Terminal	—	—	Phosphor bronze	Au Plating	—
③	Base	—	1	PPS	Black	—
②	Cover	—	1	PPS	Black	—
①	Keystoke	—	—	Nylon	White	—
ITEM	PART NAME	TER'NO.	QTY.	MATERIAL	FINISHING	REMARK

APPROVALS			DATE					
DRAWN		LIUCAN	2021.9.29					
CHECKED					TITLE:		DIP SWITCH	
APPROVALS					PART NO.		EP-01KS	
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			