

Circuit Diagram

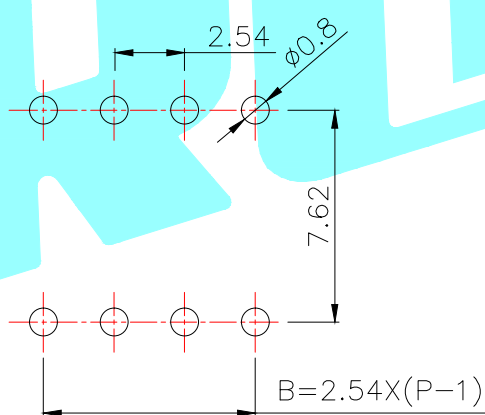
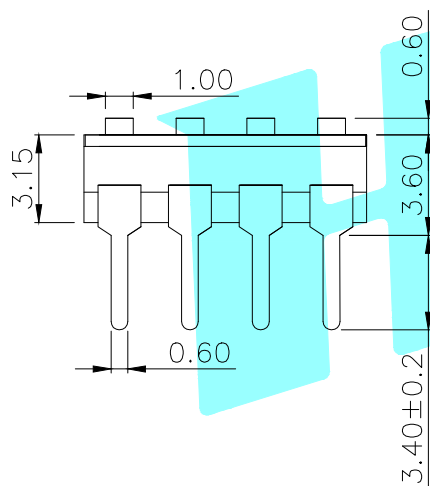
### NOTES:

#### 1.Specification :

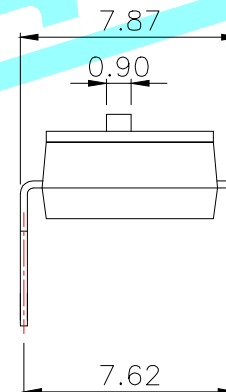
- 1.1 Operation force: 1000gf Max.
- 1.2 Operation Temperature: -30°C to +85°C.
- 1.3 Storage Temperature: -40°C to +85°C.
- 1.4 Mechanical Life: 3000 cycles operations.
- 1.5 Resistance to Soldering: 250±5°C for 3-5 Seconds.

#### 2.ELECTRICAL :

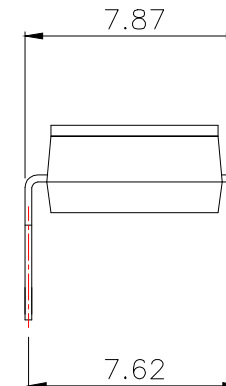
- 2.1 Non-switch Rating: 100mA at 50V DC.
- 2.2 Switching Rating: 25mA at 24V DC.
- 2.3 Contact Resistance: Initial 50mΩ Max.  
Contact Resistance: After life 100mΩ Max.
- 2.4 Insulation Resistance: 1000MΩ Min at 500VDC.
- 2.5 Dielectric Strength: 500V AC for 60seconds.
- 2.6 Switch Capacitance: 5PF Max at 1MHZ.



PCB Layout(Pattern Side)



凸柄(P)



短柄(S)

Position(位数)	1P	2P	3P	4P	5P	6P	8P	
DIM.A(长度)	2.54	5.08	7.62	10.16	12.70	15.24	20.32	
DIM.B(长度)	—	2.54	5.08	7.62	10.16	12.70	17.78	
PART NO. 盖子/黑色(K)	凸柄(P)	ES-01KP	ES-02KP	ES-03KP	ES-04KP	ES-05KP	ES-06KP	ES-08KP
	短柄(S)	ES-01KS	ES-02KS	ES-03KS	ES-04KS	ES-05KS	ES-06KS	ES-08KS

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		 ELECTRONICS CO.,LTD				
DRAWN	LIUCAN	2021.7.12					TITLE:	DIP SWITCH
CHECKED				PART NO.	ES-□□□□			
APPROVALS				TOLERANCES ARE	ANGLE	UNIT: mm	SCALE: 1:1	PROJ:
		30~以上	±0.30	±2'	DRAWING NO.	SHEET	1 OF 1	
		10~30	±0.20					
		5~10	±0.15					
		~ 5	±0.10					

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