

MICRO SWITCH ESW SERIES

FEATURES

- Sealed construction by epoxy resin and rubber cap for use in adverse environment such as dust or wet areas.
- 2-piece spring mechanism design offering durable acute operation and long life.
- Small compact size suitable for electric equipment.



APPLICATIONS

- Communication equipment
- OA/FA machines
- Air purifier
- Ice-making equipment

SPECIFICATIONS

 Ratings 	AC 125V 5A / 250V 3A DC 30V 3A	
	Single pole Double throw (1c) Single pole single throw (1a)(1b)	
	Dust protected type IP50 Immersion protected type IP67	

1.ELECTRICAL PERFORMANCE

 Insulation resistance 	100M Ω Min. at 500VDC
 Dielectric strength 	Between non-continuous terminals: AC 1000Vrms Between each terminal and other exposed metal parts: AC 1500Vrms Between each terminal and ground: AC 1500Vrms
 Initial contact resistance 	50m Ω Max.

2.DURABILITY

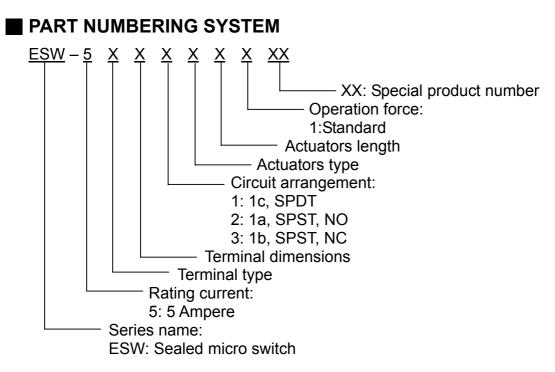
 Mechanical Life 	5,000,000 cycles Operations
 Electrical Life 	100,000 cycles Operations

3.ENVIRONMENTAL

 Ambient Temperature 	-40 $^\circ\!\mathrm{C}$ to +85 $^\circ\!\mathrm{C}$ (without dew condensation)
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Making Great Switch in Your Needs!

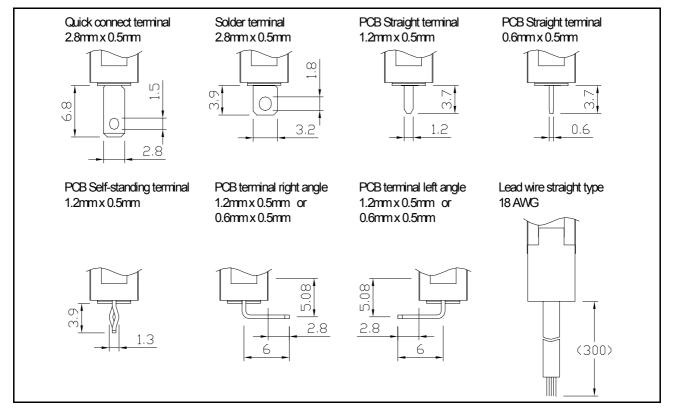


Code	Actuators type	Actuators length	
		Code A	Code B
00	Without lever		
1	Straight lever	14.5mm	16.5mm
2	Simulated roller lever	15.8mm	
3	Roller lever	14.5mm	

Code	Terminal type	Terminal dimensions	
		Code A	Code B
1	#110 Quick connect terminal	2.8mmx0.5mm	
2	PCB Self-standing terminal	1.2mmx0.5mm	
3	PCB Straight terminal	1.2mmx0.5mm	0.6mmx0.5mm
4	PCB Terminal right Angle	1.2mmx0.5mm	0.6mmx0.5mm
5	PCB Terminal left Angle	1.2mmx0.5mm	0.6mmx0.5mm
6	Solder terminal	3.2mmx0.5mm	
7	Lead wire straight type	18 AWG	

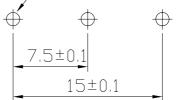


TERMINAL OPTIONS UNIT:mm



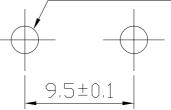
PC BOARD PATTERN

0.6mmx0.5mm 3- ϕ 0.75~0.95



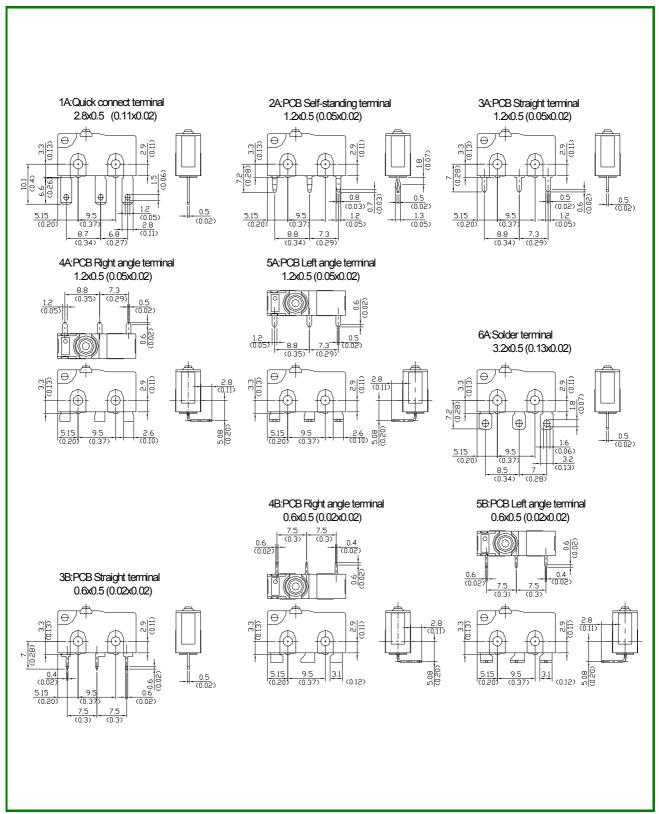
MOUNTING HOLE LAYOUT

2- ϕ 2.4 OR M2.3





TERMINAL TYPE UNIT:mm(inch)





DIMENSIONS UNIT:mm(inch)

