imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Washable miniature toggle switches • insulated threaded bushing



SMSFITT

DISTINCTIVE FEATURES

Process sealed Front and rear sealing Optional ESD protection





ENVIRONMENTAL SPECIFICATIONS

- Operating temperature : -20 °C to +85 °C (-4 °F to +185 °F)
- Storage temperature : -40 °C to +85 °C (-40 °F to +185 °F)
- Moisture : The insulating materials employed and the complete seal permit the switches to withstand a 56 days moisture test (IEC 68-2-3).
- Solderability : The switches are tested at 235 °C (455 °F) according to IEC 68-2-20 after accelerated aging.



ELECTRICAL SPECIFICATIONS

- Max. current/voltage rating with resistive load :
- silver contacts (A) : 4 A 30 VDC
- gold plated brass contacts (CD) : 0.4 VA 20 VAC or DC
- gold plated silver contacts (AD) : 4 A 30 VDC (300 mA 30 VDC for gold plating)
- Initial contact resistance : $10 \text{ m}\Omega$ max.
- Insulation resistance : 1,000 M Ω min.
- Dielectric strength : 1,000 Vrms 50 Hz min.
- Electrical life at full load :

Contacts	Number of cycles	
	2 positions	3 positions
А	40,000	40,000
CD	100,000	50,000
AD	40,000	40,000

The company reserves the right to change specifications without notice.



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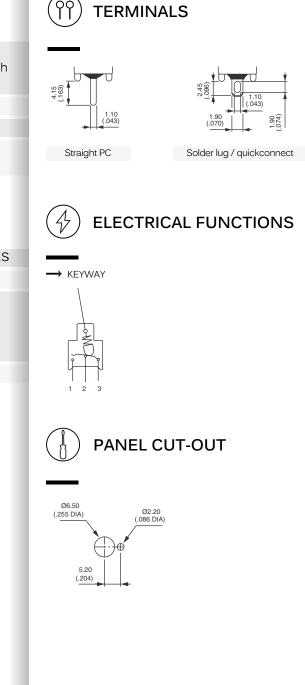
) GENERAL SPECIFICATIONS

- Mechanical strength : Terminals are strengthened by a bracket or a ground plate ensuring the rigidity of the switch on the board. Actuator strength is 10 N max.
- Iron soldering : 300 °C (572 °F) 5 sec. max.
- Max. torque : 0.25 Nm (.184 Ft.lb)
- Max. panel thickness : 2.5 mm (.098) with 2 nuts, 4 mm (.157) with 1 nut

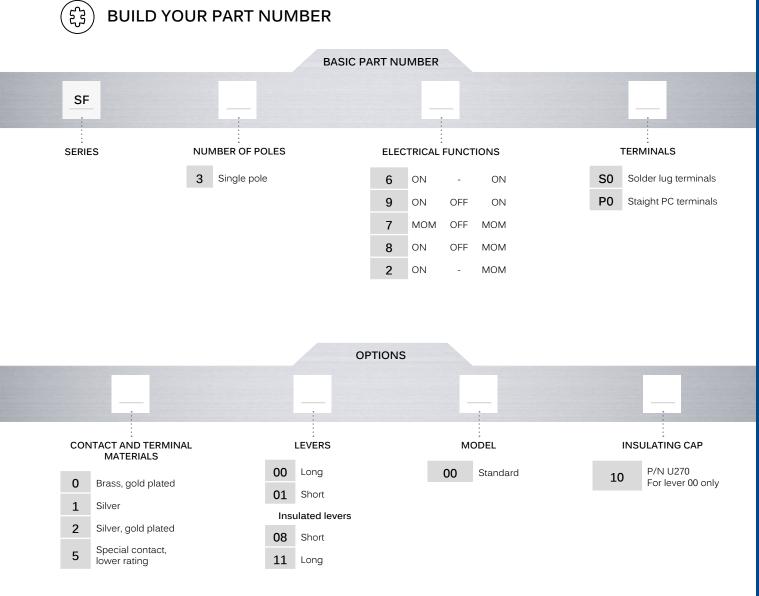


MATERIALS

- Case and cover : UL94-VO, polyamide, glass filled or PES
- Actuator : brass, nickel plated
- Contacts
 CD : brass, gold plated
 A : silver
 AD : silver, gold plated
- Terminal seal : epoxy



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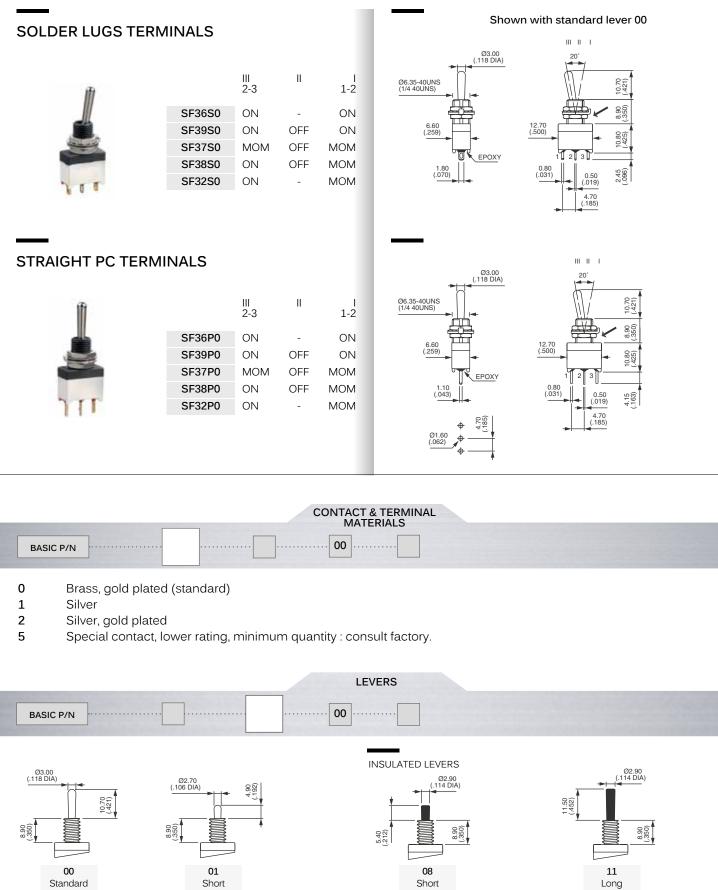
) ABOUT THIS SERIES

On the following pages, you will find successively basic part numbers of switches and options in the same order as in above chart.

() Notice : please note that not all combinations of above numbers are available. Refer to the following pages for further information.

() Mounting accessories : 2 hex nuts 8 mm (.314) across flats, 1 locking ring and 1 lockwasher. Standard and special hardware available is presented in the "Accessories" section of website.

Washable miniature toggle switches • insulated threaded bushing



Protected against electrostatic discharges (ESD) up to 12 KV. Black color.

4

Washable miniature toggle switches • insulated threaded bushing

BASIC	P/N	00
Blank	Without caps	—
10	P/N U270 - For lever 00	
For cap	colors, replace " 0 " with number :	Ø3.50 (.137 DIA)
1	Blue	
1/4	Dark blue	10
2	Black	
3	Green	
4	Grey	
5	Yellow	
6	Red	
7/1	White	
9	Orange	

To order cap separately, use its part number (U270).