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



Keylock switch - round collar

1.10.118.814/0000

Included: 2 keys.



General information	
Form of collar	round
Dimensions	
Diameter of collar	<u>18 mm</u>
Overall height	7.5 mm
Mounting depth	39.5 mm; with plug-in socket 41.25 mm
Mounting hole	16.2 mm
Mechanical design	
Mounting	ring nut
Terminals	solder terminals
Contact system	sliding contact, self cleaning
Contact function	latching
Contact arrangement	1 NO at every switching position
Contact materials	Au alloy
Illumination	no
Mechanical design of lock	
Lock	cylinder lock with pin tumblers
Wafers	5 pins
Lock type	5001
Number of locking positions	10,000
Main key	on request
Symmetric key	on request
Key removal position	0+1+2+3
Mechanical characteristics	
Operating force min.	0.035 Nm
Operating force max.	1.8 Nm
Electrical characteristics	
Rated voltage AC/DC max.	35 V
Rated voltage AC/DC min.	5 V
Rated current AC/DC max.	<u>5 v</u> 100 mA
Rated current AC/DC min.	5 mA
ESD strength max.	12 kV
Insulation resistance	$\frac{12 \text{ kV}}{6 \times 10^8 \Omega}$
Contact resistance max.	200 mΩ

Technical data are approximate and intended solely for general orientation in the selection of a product. Subject to modifications and errors. Images and other graphics may only be similar. For more information, refer to www.rafi.de chapter Imprint / Data Protection.



Other specifications	
Operating life (operations)	50,000 cycle
Degree of protection from front side	IP65 (DIN EN 60529)
Operation temperature min.	-25 °C
Ambient temp. operating max.	+70 °C
Storage temperature min.	-40 °C
Storage temperature max.	+80 °C
Environmental restistance	acc. to IEC 60068-2-14, -30, -33 and -78
Soldering temperature max.	350 °C
Soldering time max.	<u>3 s</u>
Weight	29 g
Rotating angle	<u>3 x 90°</u>
ROHS compliant	yes
REACH compliant	yes

Mounting hole



PCB hole pattern, sight on component side









with plug-in socket

