

SMD DIP Switch, 1.27 mm

new



See below:

[Approvals and Compliances](#)

Description

- 1.27 mm SMT DIP Switch

Unique Selling Proposition

- 1.27mm half pitch for space saving
- 2.2mm height Low profile design
- SMD type terminal
- High number of cycles

Weblinks

[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [CAD-Drawings](#), [Product News](#), [Detailed request for product](#)

Technical Data

Electrical Data

Switching Voltage	24 VDC (status changed often) 50 VDC (status constant)
Switching current	25 mA (status changed often) 100 mA (status constant)
Dielectric Strength	No breakdown at 500 V (50Hz~60Hz, 1min)
Contact Resistance	max. 100 mΩ (initial) max. 200 mΩ (after testing)

Mechanical Data

Actuating Force	≤ 5 N
Lifetime	1000 actuations

Climatical Data

Operating Temperature	-40 °C - 85 °C
Storage Temperature	-40 °C - 85 °C

Soldering Data

Soldering Methods	Reflow
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Material

Terminals	Gold-Plated Copper Alloy
Contact element	Gold-Plated Copper Alloy
Housing	plastic - black
Actuator	plastic - white




Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [Details about Approvals](#)

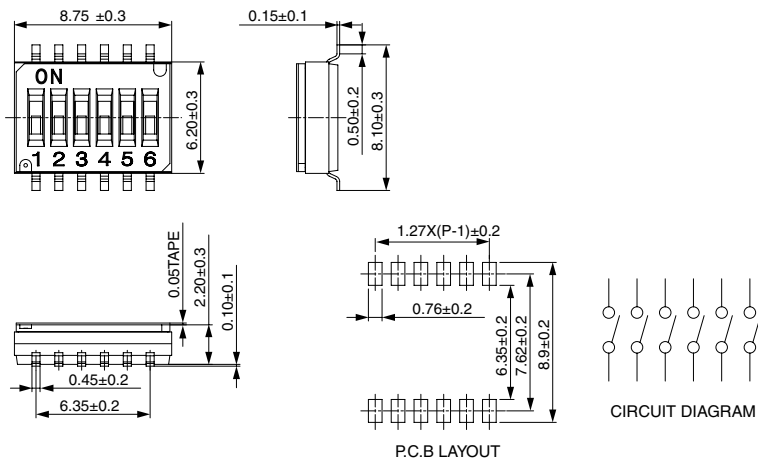
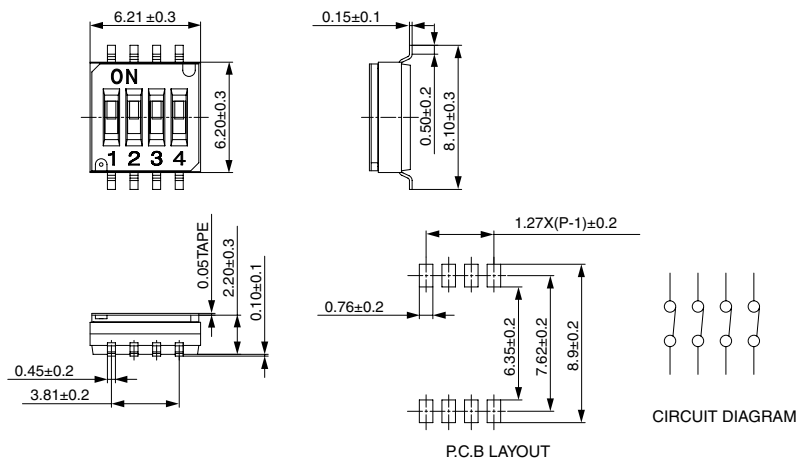
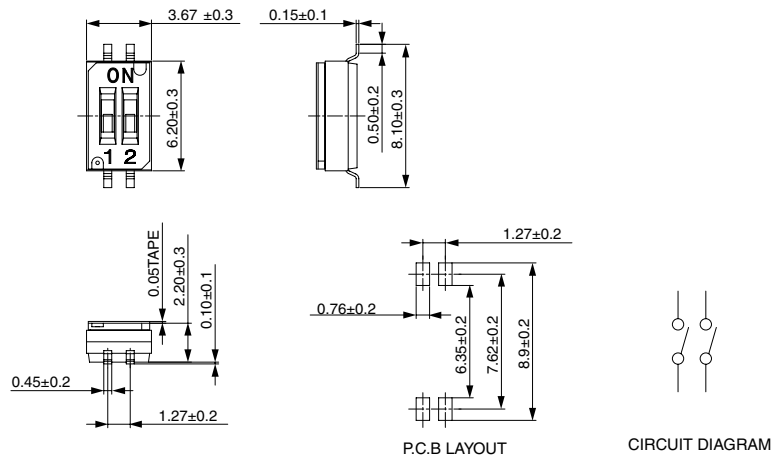
SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

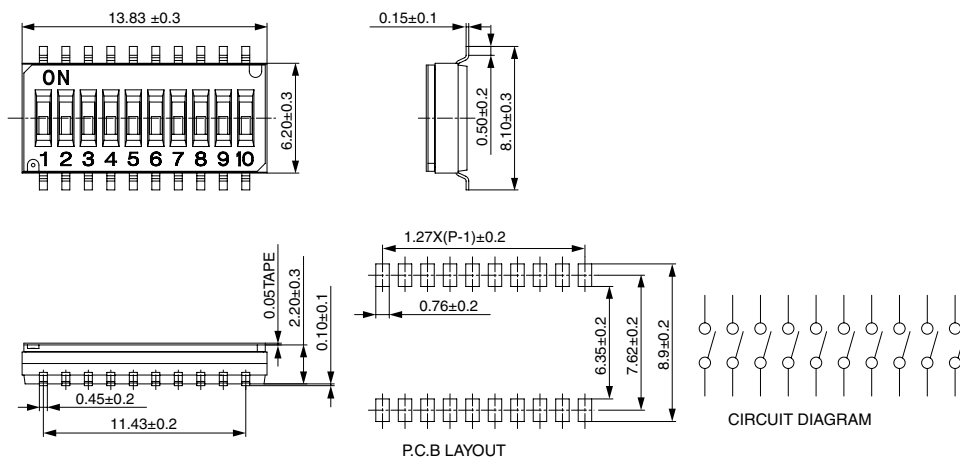
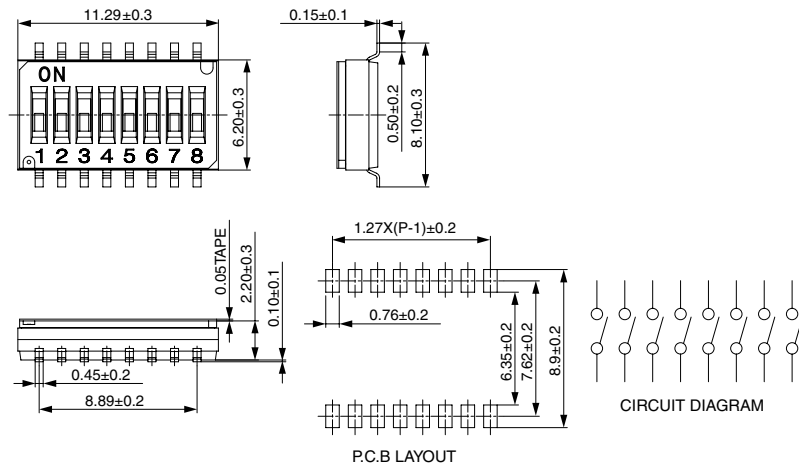
Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
	China RoHS	SCHURTER AG	The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS.
	REACH	SCHURTER AG	On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.

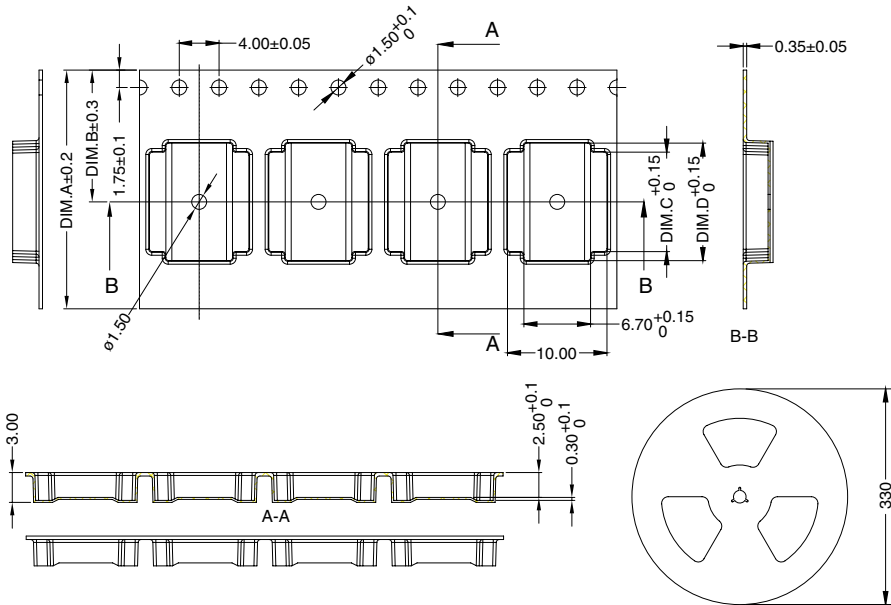
Dimension [mm]





Tape & Reel dimension

POSITIONS	02P	04P	06P	08P	10P
DIM.A	16.0	16.0	16.0	24.0	24.0
DIM.B	9.25	9.25	9.25	13.25	13.25
DIM.C	2.38	4.92	7.46	10.00	12.54
DIM.D	4.20	6.74	9.28	11.82	14.36





Order number key


D	T	C	D	-	02	-	H2	-	S	-	TR
1					2		3		4		5

Type  **1**
 DTCD = DTCD

Number of Positions  **2**
 02 = 02
 04 = 04
 06 = 06
 08 = 08
 10 = 10

Actuator  **3**
 Recessed actuator = H2
 Recessed actuator with sealed Mylar = H3

Terminal  **4**
 Gullwing = S

Package  **5**
 Tape & Reel = TR

Variants

Type	Number of Positions	Actuator	Switch position	Weight [g]	Packaging unit [PCS]	Config. Code	Order Number
DTCD	02	Recessed actuator with sealed Mylar	OFF	0.06	2000	DTCD-02-H3-S-TR	3-160-938
DTCD	04	Recessed actuator with sealed Mylar	OFF	0.11	2000	DTCD-04-H3-S-TR	3-160-939
DTCD	06	Recessed actuator with sealed Mylar	OFF	0.16	2000	DTCD-06-H3-S-TR	3-160-940
DTCD	08	Recessed actuator with sealed Mylar	OFF	0.21	2000	DTCD-08-H3-S-TR	3-160-941
DTCD	10	Recessed actuator with sealed Mylar	OFF	0.25	2000	DTCD-10-H3-S-TR	3-160-942
DTCD	02	Recessed actuator	OFF	0.06	2000	DTCD-02-H2-S-TR	3-160-943
DTCD	04	Recessed actuator	OFF	0.11	2000	DTCD-04-H2-S-TR	3-160-944
DTCD	06	Recessed actuator	OFF	0.16	2000	DTCD-06-H2-S-TR	3-160-945
DTCD	08	Recessed actuator	OFF	0.21	2000	DTCD-08-H2-S-TR	3-160-946
DTCD	10	Recessed actuator	OFF	0.25	2000	DTCD-10-H2-S-TR	3-160-947

Switch position 'ON' on request

Availability for all products can be searched real-time: <https://www.schurter.com/en/info-center/support-tools/stock-check-distributors>