

DIP Switch, J-type terminal



See below:

Approvals and Compliances

Description

- 1.27 mm SMT DIP Switch

Unique Selling Proposition

- 1.27 mm half pitch for space saving
- 2.2 mm low profile design
- J 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.

Application standards

Application standards where the product can be used

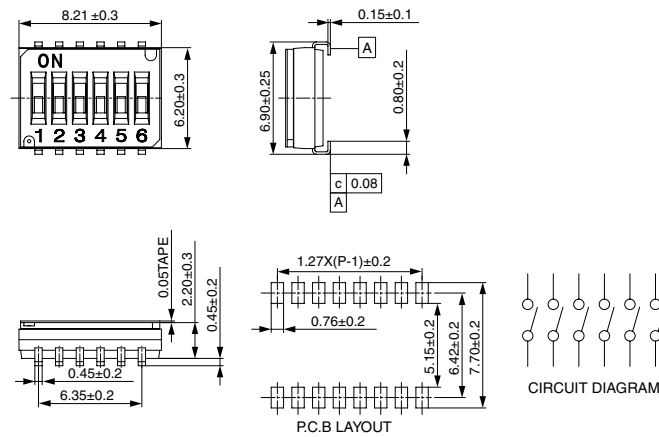
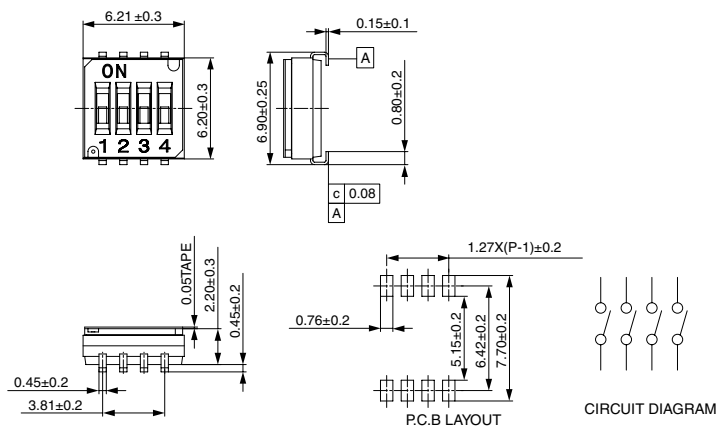
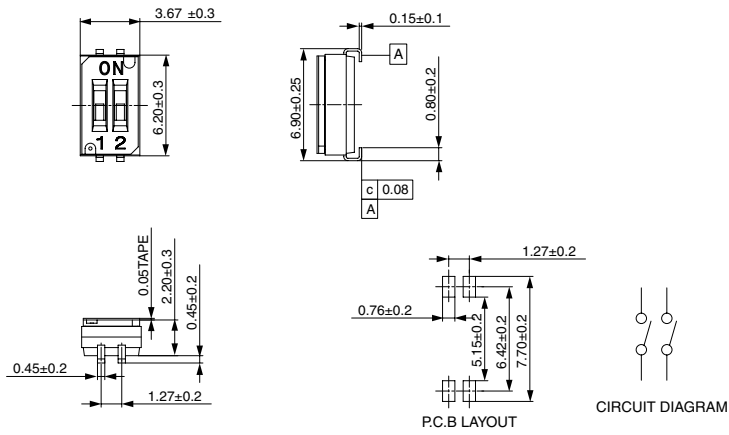
Organization	Design	Standard	Description
	Suitable for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements

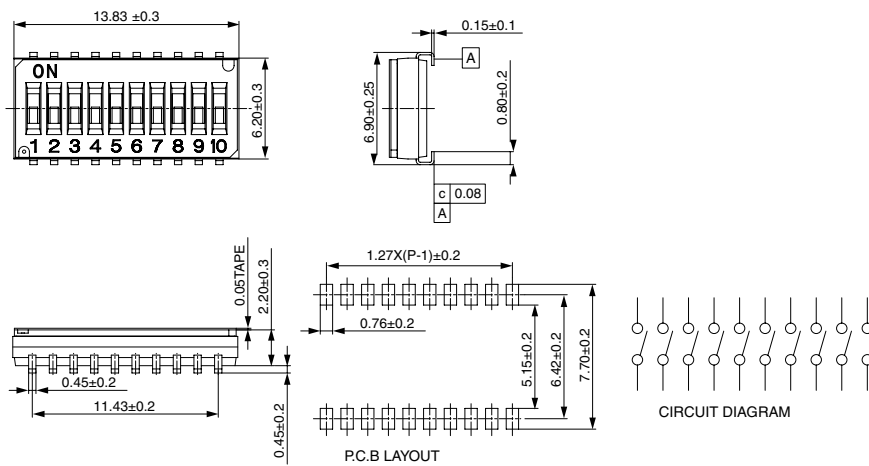
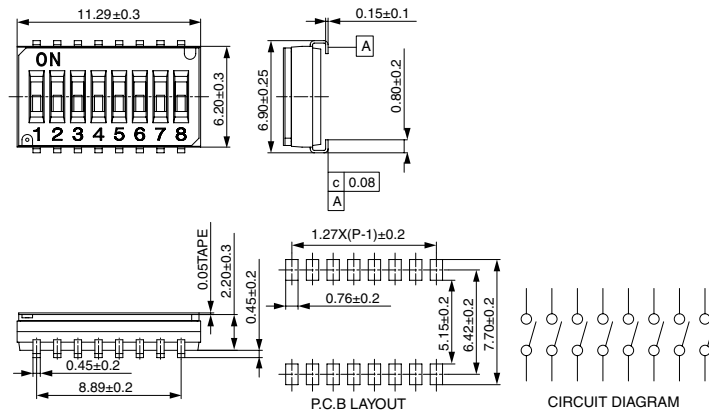
Compliances

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.

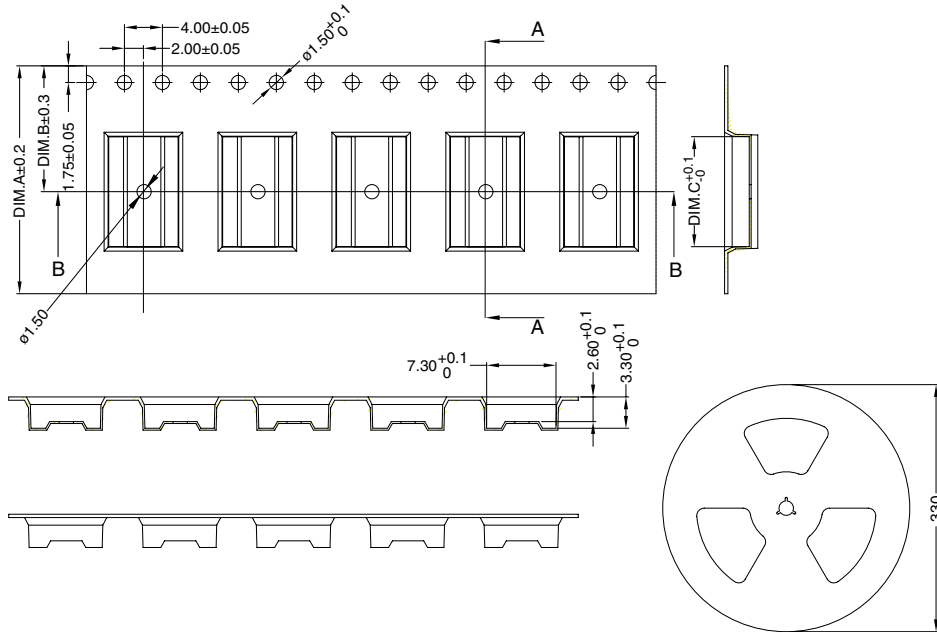
Dimension [mm]





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	3.96	6.50	9.04	11.58	14.12



Order number key

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

Type 1
 DTCJ = DTCJ

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
 J-Type = J

Package 5
 Tape & Reel = TR

Variants

Config. Code	Number of Positions	Actuator	Switch position	Weight [g]	Packaging unit [PCS]	Order Number
DTCJ-02-H3-J-TR	02	Recessed actuator with sealed Mylar	OFF	0.06	1680	3-160-948
DTCJ-04-H3-J-TR	04	Recessed actuator with sealed Mylar	OFF	0.11	1680	3-160-949
DTCJ-06-H3-J-TR	06	Recessed actuator with sealed Mylar	OFF	0.16	1680	3-160-950
DTCJ-08-H3-J-TR	08	Recessed actuator with sealed Mylar	OFF	0.21	1680	3-160-951
DTCJ-10-H3-J-TR	10	Recessed actuator with sealed Mylar	OFF	0.25	1680	3-160-952
DTCJ-02-H2-J-TR	02	Recessed actuator	OFF	0.06	1680	3-160-953
DTCJ-04-H2-J-TR	04	Recessed actuator	OFF	0.11	1680	3-160-954
DTCJ-06-H2-J-TR	06	Recessed actuator	OFF	0.16	1680	3-160-955
DTCJ-08-H2-J-TR	08	Recessed actuator	OFF	0.21	1680	3-160-956
DTCJ-10-H2-J-TR	10	Recessed actuator	OFF	0.25	1680	3-160-957

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>