Low-profile SMD DIP switch, 2.54 mm standard pitch

new

See below:
Approvals and Compliances

Description
- Low-profile, 2.54 mm SMD DIP switch

Unique Selling Proposition
- 2.54 mm standard pitch design
- Low profile
- SMD type terminal
- High number of cycles

Applications
- Rotobs
- PLC Controls
- Air conditioner
- Coffee maker
- Medical Equipment
- Server

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. 50 mΩ (initial)
	max. 100 mΩ (after testing)
Mechanical Data	
Actuating Force	≤ 8 N
Lifetime	2000 actuations

Climatical Data	
Operating Temperature	-40 °C - 85 °C
Storage Temperature	-40 °C - 85 °C
Soldering Data	
Soldering Methods	Reflow
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

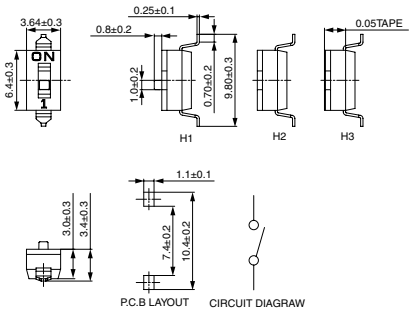
SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical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

Compliances

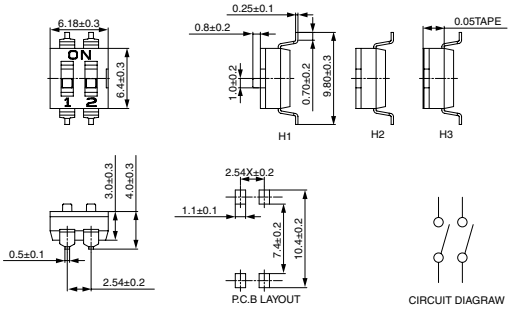
The product complies with following Guide Lines

Identification	Details	Initiator	Description
RoHS	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
China RoHS	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	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.
AEC Q200	Automotive	SCHURTER AG	AEC-Q200 is a test standard for passive components used in automotive applications. SCHURTER tests components according to the customer's agreement and is certified according to IATF 16949.

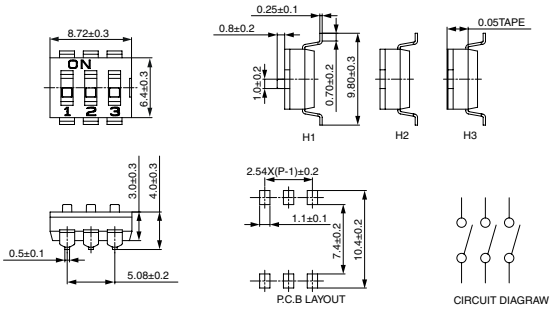
Dimension [mm]
DMSD 01



DMSD 02



DMSD 03



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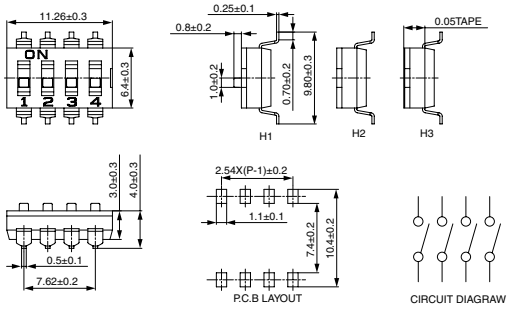
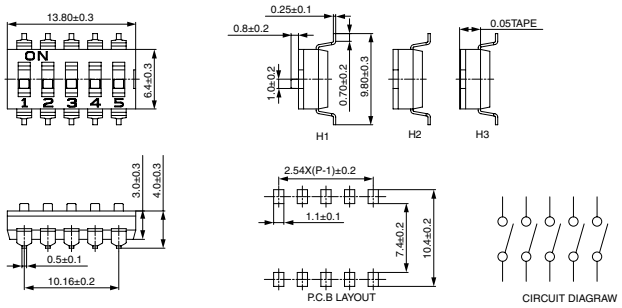
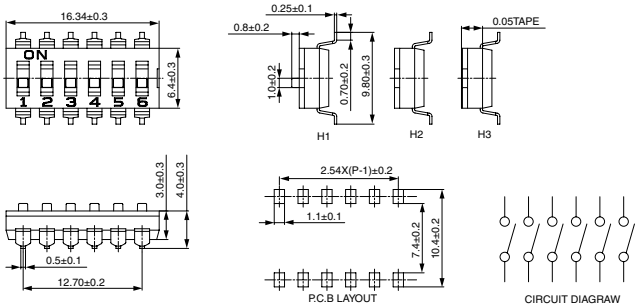


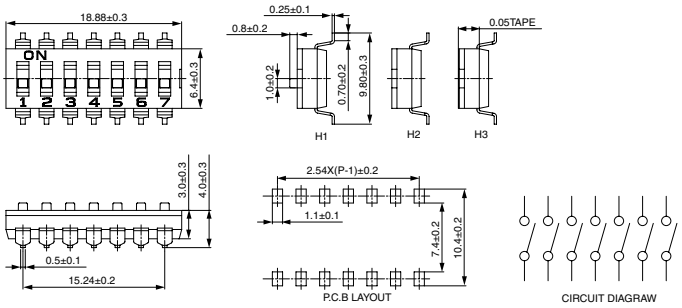
DMSD 05



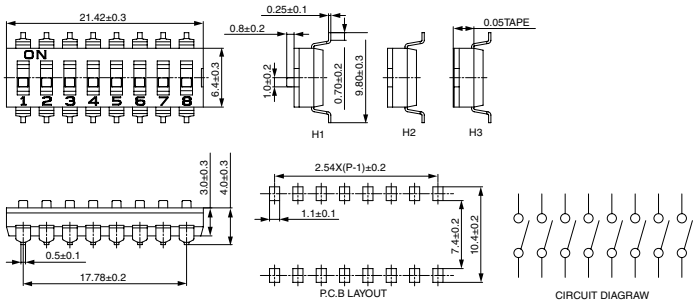
DMSD 06



DMSD 07



DMSD 08



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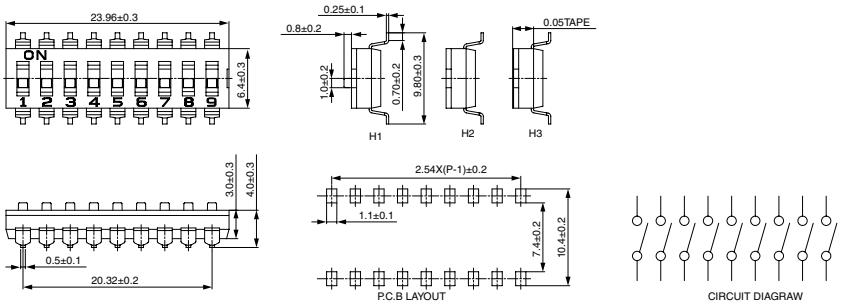

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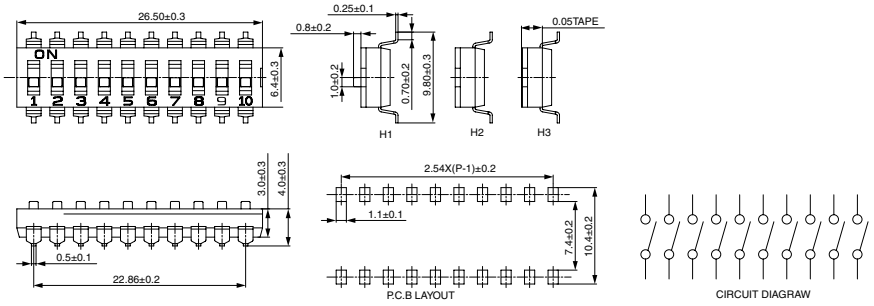
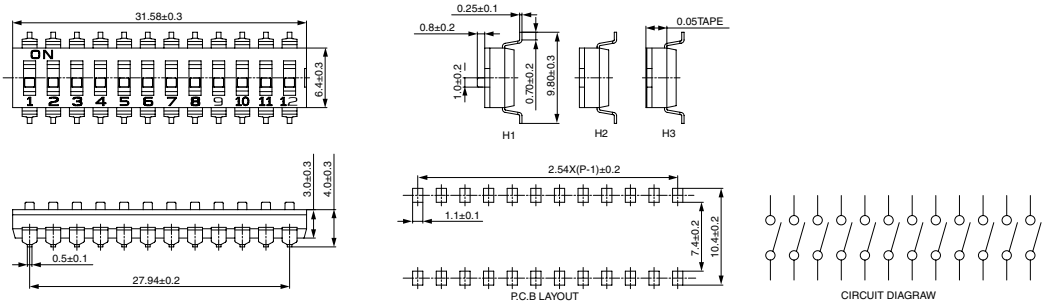
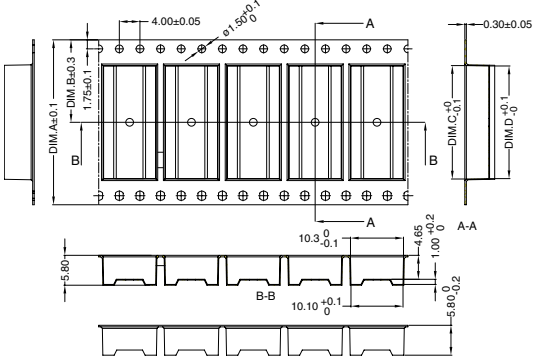


DMSD 12

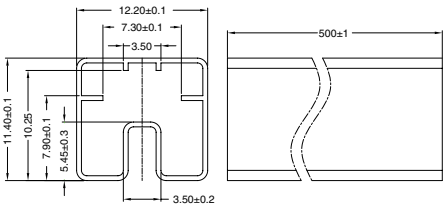


Tape & Reel dimension

POSITIONS	01P	02P	03P	04P	05P	06P	07P	08P	09P	10P	12P
DIM.A	16.0	16.0	24.0	32.0	32.0	32.0	32.0	44.0	44.0	44.0	48.0
DIM.B	9.25	9.25	12.0	16.0	16.0	16.0	16.0	21.95	21.95	21.95	21.95
DIM.C	4.36	6.78	9.46	11.86	14.40	16.94	19.48	22.02	24.56	27.10	32.36
DIM.D	4.20	6.62	9.30	11.70	14.24	16.78	19.32	21.86	24.40	26.94	32.20



Packing Tube



Order number key

D	M	S	D	-	02	-	H2	-	S	-	TR
1					2		3		4		5

Type		1
DMSD	=	DMSD

Number of positions		2
01	=	01
02	=	02
03	=	03
04	=	04
05	=	05
06	=	06
07	=	07
08	=	08
09	=	09
10	=	10
12	=	12

Actuator		3
Raised actuator	=	H1
Recessed actuator	=	H2
Recessed actuator film	=	H3

Terminal type		4
Gullwing	=	S

Packing		5
Tape & Reel	=	TR
Tube	=	TU

Variants

Type	Number of Positions	Actuator	Terminal type	Packaging unit [PCS]	Packaging	Config. Code	Order Number
DMSD	01	Recessed actuator	Gullwing	1000	Tape & Reel	DMSD-01-H2-S-TR	3-162-602
DMSD	02	Recessed actuator	Gullwing	1000	Tape & Reel	DMSD-02-H2-S-TR	3-162-603
DMSD	03	Recessed actuator	Gullwing	1000	Tape & Reel	DMSD-03-H2-S-TR	3-162-604
DMSD	04	Recessed actuator	Gullwing	1000	Tape & Reel	DMSD-04-H2-S-TR	3-162-605
DMSD	05	Recessed actuator	Gullwing	1000	Tape & Reel	DMSD-05-H2-S-TR	3-162-606
DMSD	06	Recessed actuator	Gullwing	1000	Tape & Reel	DMSD-06-H2-S-TR	3-162-607
DMSD	07	Recessed actuator	Gullwing	1000	Tape & Reel	DMSD-07-H2-S-TR	3-162-608

Type	Number of Positions	Actuator	Terminal type	Packaging unit [PCS]	Packaging	Config. Code	Order Number
DMSD	08	Recessed actuator	Gullwing	1000	Tape & Reel	DMSD-08-H2-S-TR	3-162-609
DMSD	09	Recessed actuator	Gullwing	1000	Tape & Reel	DMSD-09-H2-S-TR	3-162-610
DMSD	10	Recessed actuator	Gullwing	1000	Tape & Reel	DMSD-10-H2-S-TR	3-162-611
DMSD	12	Recessed actuator	Gullwing	1000	Tape & Reel	DMSD-12-H2-S-TR	3-162-612
DMSD	01	Recessed actuator film	Gullwing	1000	Tape & Reel	DMSD-01-H3-S-TR	3-162-613
DMSD	02	Recessed actuator film	Gullwing	1000	Tape & Reel	DMSD-02-H3-S-TR	3-162-614
DMSD	03	Recessed actuator film	Gullwing	1000	Tape & Reel	DMSD-03-H3-S-TR	3-162-615
DMSD	04	Recessed actuator film	Gullwing	1000	Tape & Reel	DMSD-04-H3-S-TR	3-162-616
DMSD	05	Recessed actuator film	Gullwing	1000	Tape & Reel	DMSD-05-H3-S-TR	3-162-617
DMSD	06	Recessed actuator film	Gullwing	1000	Tape & Reel	DMSD-06-H3-S-TR	3-162-618
DMSD	07	Recessed actuator film	Gullwing	1000	Tape & Reel	DMSD-07-H3-S-TR	3-162-619
DMSD	08	Recessed actuator film	Gullwing	1000	Tape & Reel	DMSD-08-H3-S-TR	3-162-620
DMSD	09	Recessed actuator film	Gullwing	1000	Tape & Reel	DMSD-09-H3-S-TR	3-162-621
DMSD	10	Recessed actuator film	Gullwing	1000	Tape & Reel	DMSD-10-H3-S-TR	3-162-622
DMSD	12	Recessed actuator film	Gullwing	1000	Tape & Reel	DMSD-12-H3-S-TR	3-162-623
DMSD	01	Raised actuator	Gullwing	1000	Tape & Reel	DMSD-01-H1-S-TR	3-162-624
DMSD	02	Raised actuator	Gullwing	1000	Tape & Reel	DMSD-02-H1-S-TR	3-162-625
DMSD	03	Raised actuator	Gullwing	1000	Tape & Reel	DMSD-03-H1-S-TR	3-162-626
DMSD	04	Raised actuator	Gullwing	1000	Tape & Reel	DMSD-04-H1-S-TR	3-162-627
DMSD	05	Raised actuator	Gullwing	1000	Tape & Reel	DMSD-05-H1-S-TR	3-162-628
DMSD	06	Raised actuator	Gullwing	1000	Tape & Reel	DMSD-06-H1-S-TR	3-162-629
DMSD	07	Raised actuator	Gullwing	1000	Tape & Reel	DMSD-07-H1-S-TR	3-162-630
DMSD	08	Raised actuator	Gullwing	1000	Tape & Reel	DMSD-08-H1-S-TR	3-162-631
DMSD	09	Raised actuator	Gullwing	1000	Tape & Reel	DMSD-09-H1-S-TR	3-162-632
DMSD	10	Raised actuator	Gullwing	1000	Tape & Reel	DMSD-10-H1-S-TR	3-162-633
DMSD	12	Raised actuator	Gullwing	1000	Tape & Reel	DMSD-12-H1-S-TR	3-162-634
DMSD	01	Recessed actuator	Gullwing	13000	Tube	DMSD-01-H2-S-TU	3-162-635
DMSD	02	Recessed actuator	Gullwing	7700	Tube	DMSD-02-H2-S-TU	3-162-636
DMSD	03	Recessed actuator	Gullwing	5500	Tube	DMSD-03-H2-S-TU	3-162-637
DMSD	04	Recessed actuator	Gullwing	4200	Tube	DMSD-04-H2-S-TU	3-162-638
DMSD	05	Recessed actuator	Gullwing	3400	Tube	DMSD-05-H2-S-TU	3-162-639
DMSD	06	Recessed actuator	Gullwing	2900	Tube	DMSD-06-H2-S-TU	3-162-640
DMSD	07	Recessed actuator	Gullwing	2500	Tube	DMSD-07-H2-S-TU	3-162-641
DMSD	08	Recessed actuator	Gullwing	2200	Tube	DMSD-08-H2-S-TU	3-162-642
DMSD	09	Recessed actuator	Gullwing	2000	Tube	DMSD-09-H2-S-TU	3-162-643
DMSD	10	Recessed actuator	Gullwing	1800	Tube	DMSD-10-H2-S-TU	3-162-644
DMSD	12	Recessed actuator	Gullwing	1500	Tube	DMSD-12-H2-S-TU	3-162-645
DMSD	01	Recessed actuator film	Gullwing	13000	Tube	DMSD-01-H3-S-TU	3-162-646
DMSD	02	Recessed actuator film	Gullwing	7700	Tube	DMSD-02-H3-S-TU	3-162-647
DMSD	03	Recessed actuator film	Gullwing	5500	Tube	DMSD-03-H3-S-TU	3-162-648
DMSD	04	Recessed actuator film	Gullwing	4200	Tube	DMSD-04-H3-S-TU	3-162-649
DMSD	05	Recessed actuator film	Gullwing	3400	Tube	DMSD-05-H3-S-TU	3-162-650
DMSD	06	Recessed actuator film	Gullwing	2900	Tube	DMSD-06-H3-S-TU	3-162-651
DMSD	07	Recessed actuator film	Gullwing	2500	Tube	DMSD-07-H3-S-TU	3-162-652
DMSD	08	Recessed actuator film	Gullwing	2200	Tube	DMSD-08-H3-S-TU	3-162-653
DMSD	09	Recessed actuator film	Gullwing	2000	Tube	DMSD-09-H3-S-TU	3-162-654
DMSD	10	Recessed actuator film	Gullwing	1800	Tube	DMSD-10-H3-S-TU	3-162-655

Type	Number of Positions	Actuator	Terminal type	Packaging unit [PCS]	Packaging	Config. Code	Order Number
DMSD	12	Recessed actuator film	Gullwing	1500	Tube	DMSD-12-H3-S-TU	3-162-656
DMSD	01	Raised actuator	Gullwing	13000	Tube	DMSD-01-H1-S-TU	3-162-657
DMSD	02	Raised actuator	Gullwing	7700	Tube	DMSD-02-H1-S-TU	3-162-658
DMSD	03	Raised actuator	Gullwing	5500	Tube	DMSD-03-H1-S-TU	3-162-659
DMSD	04	Raised actuator	Gullwing	4200	Tube	DMSD-04-H1-S-TU	3-162-660
DMSD	05	Raised actuator	Gullwing	3400	Tube	DMSD-05-H1-S-TU	3-162-661
DMSD	06	Raised actuator	Gullwing	2900	Tube	DMSD-06-H1-S-TU	3-162-662
DMSD	07	Raised actuator	Gullwing	2500	Tube	DMSD-07-H1-S-TU	3-162-663
DMSD	08	Raised actuator	Gullwing	2200	Tube	DMSD-08-H1-S-TU	3-162-664
DMSD	09	Raised actuator	Gullwing	2000	Tube	DMSD-09-H1-S-TU	3-162-665
DMSD	10	Raised actuator	Gullwing	1800	Tube	DMSD-10-H1-S-TU	3-162-666
DMSD	12	Raised actuator	Gullwing	1500	Tube	DMSD-12-H1-S-TU	3-162-667

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

07.09.2026

The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments. Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability and test each product selected for their own applications.