

# Dual-in-line Switches for SMT

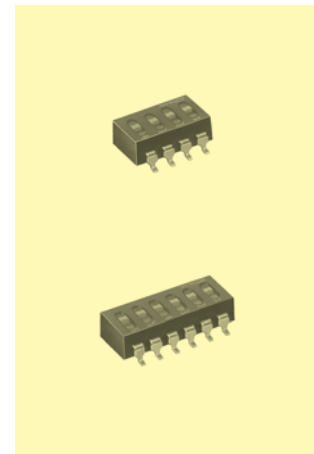
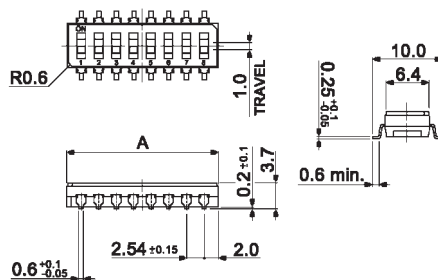
## Specifications:

Contact rating:	50 V DC, 100 mA (non-switching); 24 V DC, 25 mA (switching)
Contact resistance:	< 50 mΩ
Insulation resistance:	> 1000 MΩ at 100 V DC
Capacity:	< 5 pF between 2 poles
Dielectric strength:	500 V, 50 Hz for the duration of 1 minute
Operating temperature:	- 40° to + 85° C
Electrical life:	minimum 1000 operations per pole
Shock resistance:	contact interruption < 10 μsec with triple shock in all 6 directions shock conditions: 20 G, 11 msec duration (sine half wave)
Vibration:	contact interruption < 10 μsec at vibration test in accordance with MIL-STD-202 D, method 204, condition C
Contacts:	copper alloy, 0,3 μm gold-plated over 1 μm nickel
Terminals:	copper alloy, gold-plated over nickel, 0,2 μm gold-plated over 2 μm nickel
Material:	case: PPS, slide: PA
Construction:	case sealed, slide recessed, sealed with protective tape
Mounting:	on pc-board – SMD
Slide position:	OFF

## Models:

### Series SMS 000 N

Type	Poles	Length (A)
SMS 002 N	2	6,50 mm
SMS 004 N	4	11,60 mm
SMS 006 N	6	16,70 mm
SMS 008 N	8	21,80 mm
SMS 010 N	10	26,90 mm



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Packing: sticks or tapes  
for order on tape: additional to type number: T  
example of order: SMS 002 NT

Models	Stick	Tape	Reel	Tape width (A)
SMS 002 N	72 pieces; L 510 mm	1000 pieces	∅ 330 mm	24,0 mm
SMS 004 N	40 pieces; L 510 mm	1000 pieces	∅ 330 mm	24,0 mm
SMS 006 N	28 pieces; L 510 mm	1000 pieces	∅ 330 mm	24,0 mm
SMS 008 N	20 pieces; L 510 mm	1000 pieces	∅ 330 mm	32,0 mm
SMS 010 N	16 pieces; L 510 mm	1000 pieces	∅ 330 mm	44,0 mm

