



# Dual-in-line Switches ultra-low profile, for SMT

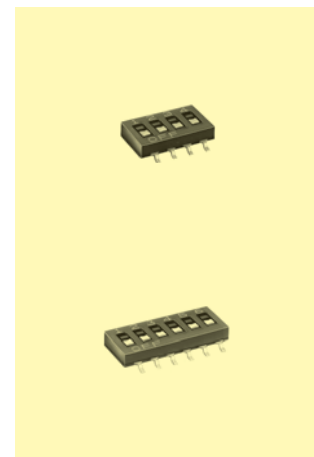
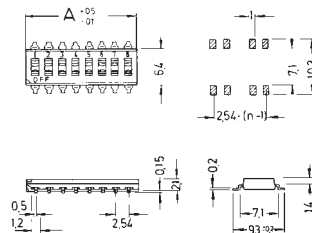
## Specifications:

Contact rating:	50 V DC, 100 mA
Contact resistance:	< 50 mΩ
Insulation resistance:	> 1000 MΩ at 100 V DC
Capacity:	maximum 5 pF between 2 poles
Dielectric strength:	500 V, 50 Hz for the duration of 1 minute
Operating temperature:	- 20° to + 80° C
Mechanical 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 beryllium, gold-plated over nickel
Terminals:	nickel silver, gold-plated
Material:	case and slide: PA
Construction:	case sealed, slide recessed, sealed with protective tape
Mounting:	on pc-board – SMD
Slide position:	OFF

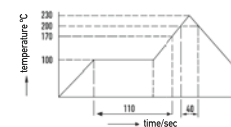
## Models:

### Series SMS 500

Type	Poles	Length (A)
SMS 502	2	6,30 mm
SMS 504	4	11,40 mm
SMS 506	6	16,50 mm
SMS 508	8	21,55 mm
SMS 510	10	26,65 mm

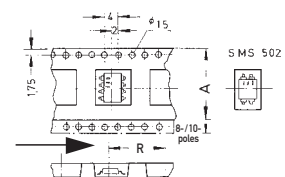


Soldering conditions: reflow-soldering – max.: 40 sec, 200° C  
 peak temperature: 230° C  
 wave soldering possible



Packing: sticks or tapes  
 for order on tape: additional to type number: T  
 example of order: SMS 502 T

Models	Stick	Tape	Reel	Tape width (A)	Rapport (R)
SMS 502	72 pieces; L 507 mm	2000 pieces	∅ 330 mm	16,0 mm	8,0 mm
SMS 504	40 pieces; L 507 mm	1000 pieces	∅ 330 mm	24,0 mm	12,0 mm
SMS 506	28 pieces; L 507 mm	1000 pieces	∅ 330 mm	24,0 mm	12,0 mm
SMS 508	20 pieces; L 507 mm	1000 pieces	∅ 330 mm	32,0 mm	12,0 mm
SMS 510	16 pieces; L 507 mm	1000 pieces	∅ 330 mm	44,0 mm	12,0 mm



**knitter-switch**

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