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

Specifications:

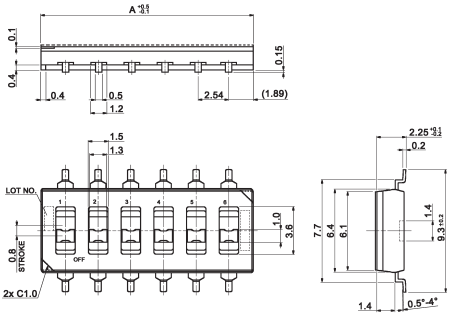
Contact rating:	50 V DC, 100 mA
Contact resistance:	< 50 mΩ
Insulation resistance:	> 1000 MΩ at 100 V DC
Capacity:	maximum 5 pF between 2 poles
Dielectric strength:	500 V, 50 Hz for the duration of 1 minute
Operating temperature:	–40 °C to +105 °C
Mechanical life:	minimum 1 000 operations per pole
Shock 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: PPS, slided: PA
Construction:	case sealed, slide recessed, sealed with protective tape
Mounting:	on pc-board – SMD
Slide position:	OFF
Soldering conditions:	reflow-soldering

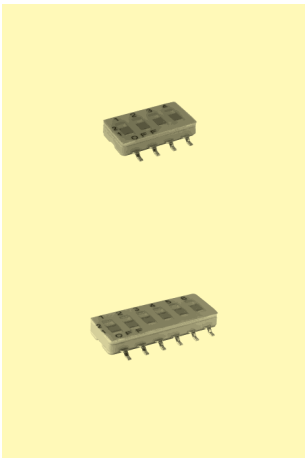
washable

Models:

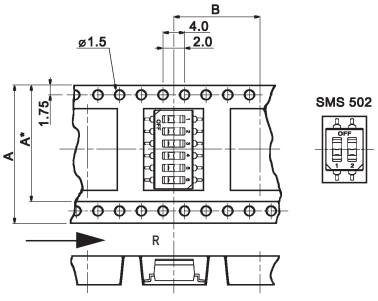
Series SMS 500

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





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