



Dual-in-line Switches for SMT

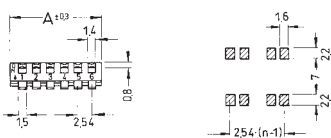
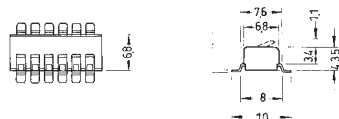
Specifications:

Contact rating:	50 V DC, 100 mA
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:	- 20° to + 80° C
Mechanical life:	minimum 500 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 over nickel
Material:	case: PPS; lever: PA
Construction:	case sealed; series 700: lever recessed, sealed with protective tape
Mounting:	on pc-board – SMD
Slide position:	OFF

Models:

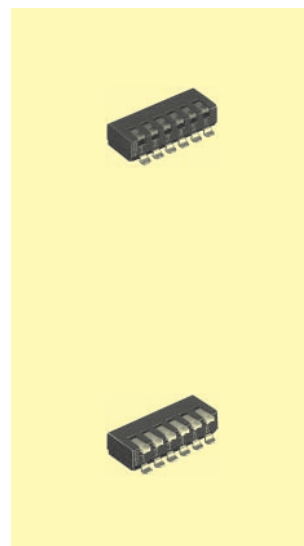
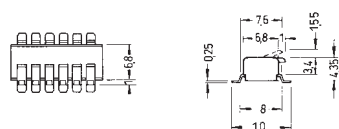
Series SMP 700

Type	Poles	Length (A)
SMP 702	2	6,6 mm
SMP 704	4	11,7 mm
SMP 706	6	16,8 mm
SMP 708	8	21,9 mm
SMP 710	10	27,0 mm



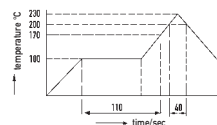
Series SMP 800

Type	Poles	Length (A)
SMP 802	2	6,6 mm
SMP 804	4	11,7 mm
SMP 806	6	16,8 mm
SMP 808	8	21,9 mm
SMP 810	10	27,0 mm



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Soldering conditions: reflow-soldering – max.: 40 sec, 200°C
peak temperature: 230° C / max. 90 sec



Packaging: sticks or tapes
for order on tape: additional to type number: T
example of order: SMP 704 T

Models	Stick	Tape	Reel	Tape width(A)
SMP 702/SMP 802	70 pieces; L 510 mm	1000 pieces; Ø 370 mm		24,0 mm
SMP 704/SMP 804	40 pieces; L 510 mm	1000 pieces; Ø 370 mm		24,0 mm
SMP 706/SMP 806	28 pieces; L 510 mm	1000 pieces; Ø 370 mm		24,0 mm
SMP 708/SMP 808	20 pieces; L 510 mm	1000 pieces; Ø 370 mm		32,0 mm
SMP 710/SMP 810	16 pieces; L 510 mm	1000 pieces; Ø 370 mm		44,0 mm

