

# Dual-in-line Switches

## 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 10 000 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
Movable contacts:	Beryllium-Copper, 0.6 μm <b>gold-plated</b> over 0.1 μm Nickel
Fixed contacts:	Nickel silver, 0.6 μm <b>gold-plated</b> over 1 μm Nickel
Terminals:	Nickel silver, 0.04 μm <b>gold-plated</b> over 1 μm Nickel
Material:	case: PBT, slide: PA
Construction:	case sealed
Slide position:	OFF
Mounting:	on pc-board
Soldering conditions:	auto-soldering – max.: 3 sec, 270° C

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## Models:

### Series DSS 100

Type	Poles	Length (A)
DSS 102	2	6,6 mm
DSS 104	4	11,7 mm
DSS 106	6	16,8 mm
DSS 108	8	21,8 mm
DSS 110	10	26,9 mm

