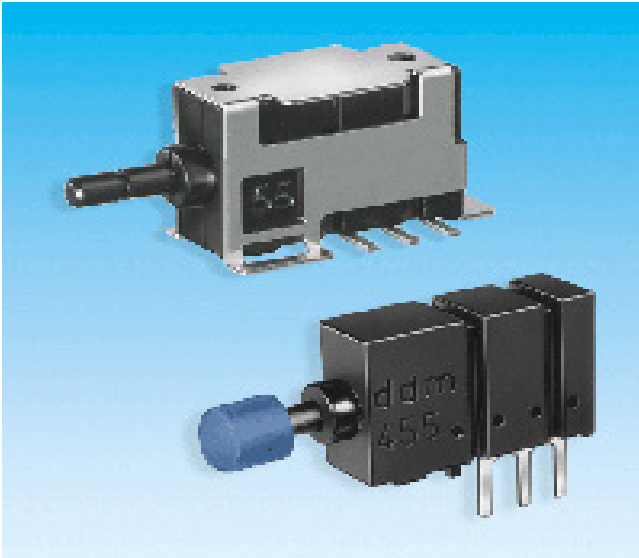


Push Button Switch 455



A Push button switch for direct mounting into the PC-board. His minimized dimensions, the pinpatterns corresponding to dual-in-line, and his stakable outline dimensions allows a various use of this push-button switch within the whole electronics. One pole or two-poles arrays of push buttons can be arranged by use of this switch. The inmolded soldering-pins, together with a hermetically sealed housing, prevents the switching contacts against flux and soldering contamination's. High grade thermoplastic materials and gold-plated contacts guarantees a high reliability. Selectable one-pole or two poles change over contacts allow the use in every application. Different knobs are available.

Specifications	Single or 2 pole push button switch
Dimensions	16.8 x 5.6 x 7.7 mm
Pining	DIL spacing or SMD

technical data

Construction

Function:	bbm
Pining:	2,54 mm
Outline dimensions:	see drawings

Insulation materials

Housing:	Thermoplast UL-94-V0
Contact body:	Thermoplast UL-94-V0
Actuator:	Thermoplast UL-94-V0

Electrical datas

Switching voltage:	max. 60 V
Switching current:	max. 100 mA
Contact resistance:	< 30 mOhm
Insulation resistance:	> 10 MOhm

Mechanical datas

Life expectancy:	> 20.000 operations
Operating temperature:	-25°C to +70°C
Storage temperature:	-25°C to +70°C
Soldering time / conditions:	max 5 sec. +250°C
Operating force:	3,5 N +/- 50%

Contact materials

Fixed contacts: Cu Sn gal. Ni₃ Au 1

Sliding contacts: Cu Be gal. Ni₁ Au 1

Pins: Cu Sn gal. Sn