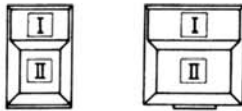
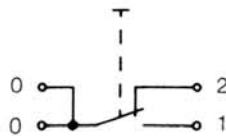


DIGITAST SE Key Switch

Marking Area DIGITAST



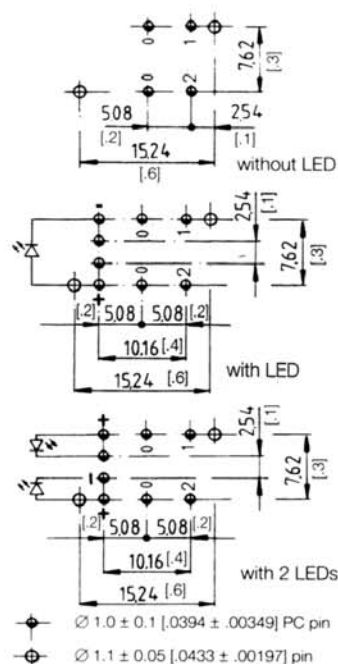
Operating diagram DIGITAST:
Momentary (OA)



Operating diagram DIGITAST:
Push-push (EE)



PCB layout DIGITAST SE: mm [inch]
Soldering side



Construction

Function	Momentary (OA) or push-push (EE) Push-push button switches: select button/styles
Contact arrangement	1 changeover contact (SPDT)
Mode of switching	Non-shorting
Illumination	Optional with 1 or 2 LED ¹⁾
Contacts	PC pins
Mounting	Soldering, centering pins

Electrical data

Switching power max.	240 mW DC
Switching voltage max.	24 V DC
Switching current max.	10 mA DC
Spacing current at 20°C (EE)	100 mA
Dielectric strength (50 Hz, 1 Min.)	500 V
Operating life with or without max. switching power	OA: 5 × 10 ⁶ operations EE: 5 × 10 ⁵ operations
Contact resistance initial	≤ 50 mΩ
after 5 × 10 ⁶ operations	≤ 100 mΩ
Insulation resistance	≥ 10 ⁹ Ω
Capacitance at f = 10 kHz	≤ 0.8 pF
Contact bounce	≤ 2.5 ms
Operating speed 400 mm/s [15.7 inch/s]	

Mechanical data

Total travel	≥ 3 mm [.118 inch]
Switching travel	1.5 mm [.0591 inch]
Latching travel	1.8 mm [.0709 inch]
Operating force	1.5 ± 0.5N [150 ± 50 grams]

Further data

Contact material	AU over Ni
Insulation material	Thermoplastic
Button colors	Black, white, grey, blue, red, orange, green, yellow
LED-colors	Red, green, yellow
Marking area	Button field I and II (with LED only field II)
Graphics	Please consult factory
Sealing	Sealed contacts for soldering
Max. soldering time and temperature	5 s at 260°C
Operating temperature	- 25°C to + 85°C

¹⁾ Standard: 10 mA; 2 mA on request