

D6

SPST Momentary Key Switches



Features/Benefits

- Easy X, Y coding on single side PCB
- Positive tactile feedback
- High temperature type available
- Wide variety of colors & styles

Typical Applications

- Automotive
- Video
- Electronic games
- Appliances

Construction

FUNCTION: momentary
CONTACT ARRANGEMENT: 1 make contact (SPST), NO
DISTANCE BETWEEN BUTTON CENTERS, MIN.: 12,7 (0.500)
TERMINALS: PC pins

Electrical

SWITCHING POWER MAX.: 6 VA
SWITCHING VOLTAGE MAX.: 100 V DC
SWITCHING CURRENT MAX.: 100 mA DC
DIELECTRIC STRENGTH (50 Hz / 1 min): 1000 V
OPERATING LIFE with max. switching power: $\geq 2.5 \times 10^6$ operations
CONTACT RESISTANCE: $\leq 100 \text{ m}\Omega$
INSULATION RESISTANCE: $\geq 10^{11} \Omega$
BOUNCE TIME: $\leq 3 \text{ ms}$

Mechanical

SWITCHING TRAVEL: $0,8 \pm 0,2$ (0.0301 $\pm$ 0.0078)
OPERATING FORCE: 1.3 N $\pm$ 30% (130 grams $\pm$ 30%)

Environmental

OPERATING TEMPERATURE: -20°C to 85°C.

Process

SOLDERABILITY:
Hand soldering: 350°C for 3 seconds
Wave or bath soldering: 225°C for 5 seconds
High Temperature version: 260°C for 5 seconds**
Cleaning: Use solvents compatible with ABS

How To Order

Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and place it in the appropriate box.

Switch

D 6					
Series D6C Square D6R Round D6F Flat* D6L Plunger*		Switch Color 00 White 10 Gray 30 Yellow 40 Red 50 Green 60 Blue 80 Ivory 90 Black		Option NONE Standard HT High Temperature**	

*Available in black only.

** Only available in red, blue and black

Buttons can be ordered separately. Shipped in bulk.

B T N D 6			
Series BTND6 Button		Button Color 00 White 10 Gray 30 Yellow 40 Red 50 Green 60 Blue 80 Ivory 90 Black	



D

Key Switches

D6

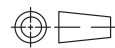
D6C



D6R



D6F Only available in black



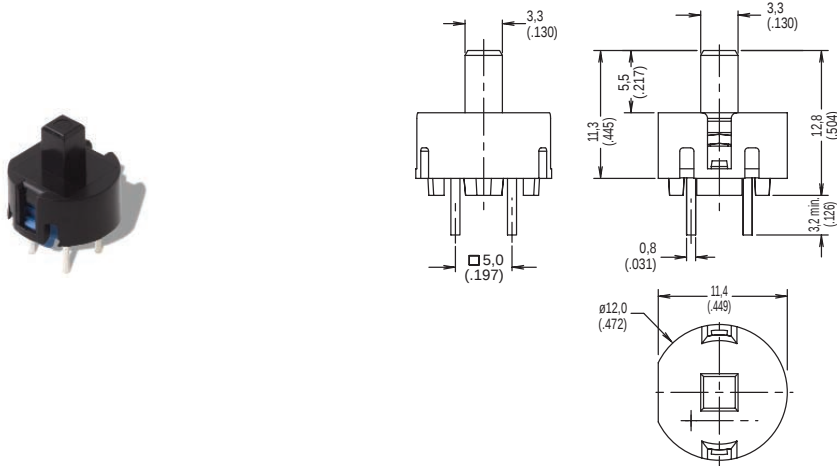
Dimensions shown in: mm (inch)
Dimensions subject to change

D6

SPST Momentary Key Switches

SERIES

D6L Only available in black



SWITCH COLORS

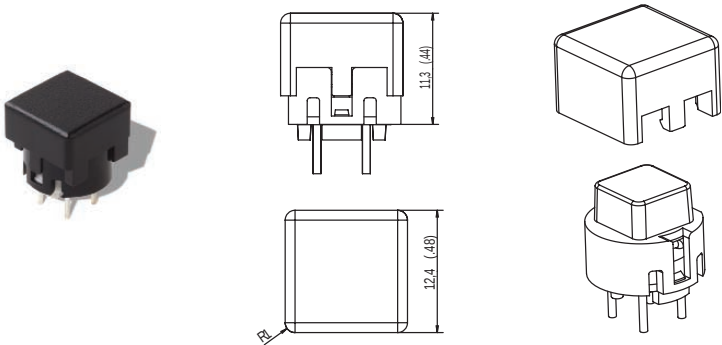
OPTION CODE	SWITCH COLOR
00	WHITE
10	GRAY
30	YELLOW
40	RED
50	GREEN
60	BLUE
80	IVORY
90	BLACK

OPTION

- NONE** STANDARD
- HT** HIGH TEMPERATURE

BUTTON AVAILABLE

BTND6 Buttons must be ordered separately. Shipped in bulk.



OPTION CODE	BUTTON COLOR
00	WHITE
10	GRAY
30	YELLOW
40	RED
50	GREEN
60	BLUE
80	IVORY
90	BLACK

Mouser Electronics

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