

D6 SPST Momentary Key Switches



Features/Benefits

- Easy X, Y coding on single side PCB
- Positive tactile feedback
- High temperature
- Wide variety of colors & styles
- RoHS compliant and compatible

Typical Applications

- 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.: 3 VA
SWITCHING VOLTAGE MAX.: 32 V DC
SWITCHING CURRENT MAX.: 100 mA DC
DIELECTRIC STRENGTH (50 Hz / 1 min): 250 V
OPERATING LIFE with max. switching power: (2,5x10⁵ operations)
CONTACT RESISTANCE: ≤100 mΩ
INSULATION RESISTANCE: ≥10⁸ Ω
BOUNCE TIME: ≤10 ms

Mechanical

SWITCHING TRAVEL: Version F1: 0.20mm ≤ Te(on) ≤ 1.0 mm
Version F2: 0.30 mm ≤ Te(on) ≤ 1.1 mm
OPERATING FORCE: Version F1: 0.8N ≤ Fa ≤1.8N
Version F2: 2.0N ≤ Fa ≤ 3.5N

Environmental

OPERATING TEMPERATURE: -20°C to 85°C.

Process

SOLDERABILITY:

Hand soldering: 350°C for 3 seconds
Wave or bath soldering: 260°C for 5 seconds
Cleaning: Not washable

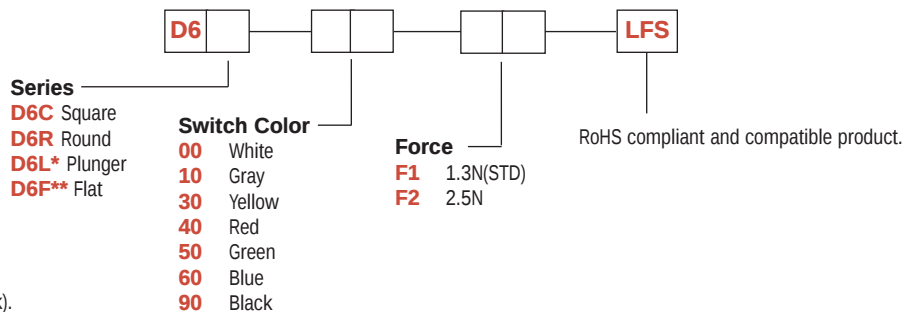
PACKAGING:

The D6 switches are delivered in boxes containing 10 trays with 250 pieces each: Total 2,500 pieces per box.
The D6 buttons are delivered in bulk with 2500 pieces per box.

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.

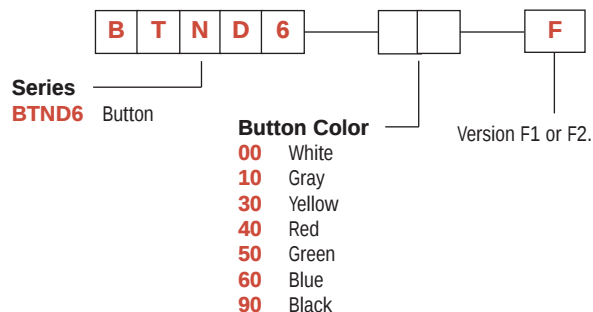
Switch



Button

Buttons can be ordered separately.
Shipped in bulk.

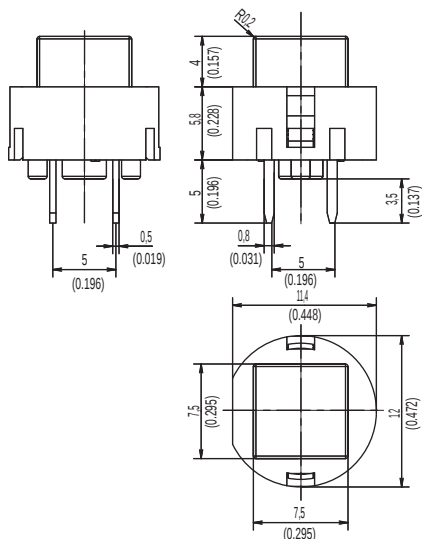
D6 button for use with D6C only.



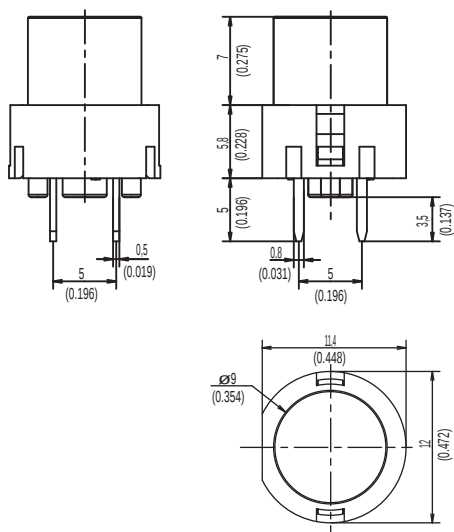
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SERIES 

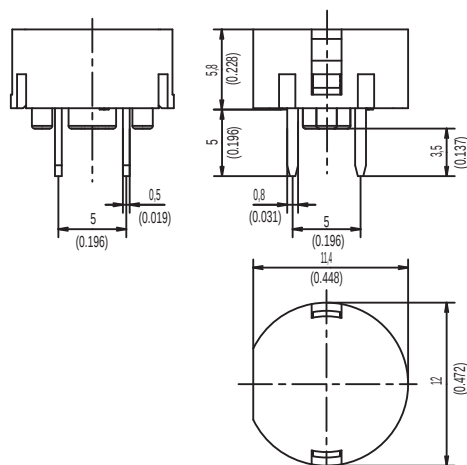
D6C



D6R



D6F



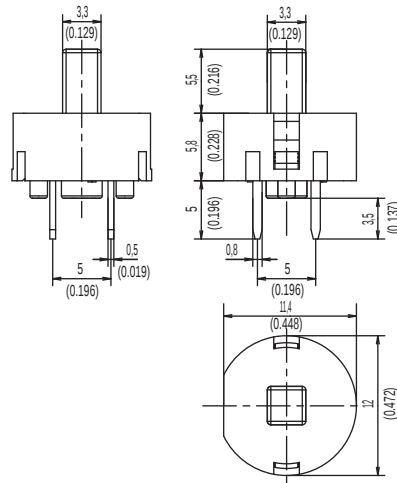
Dimensions are shown: mm (inch)
Specifications and dimensions subject to change

www.ck-components.com

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SERIES 

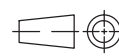
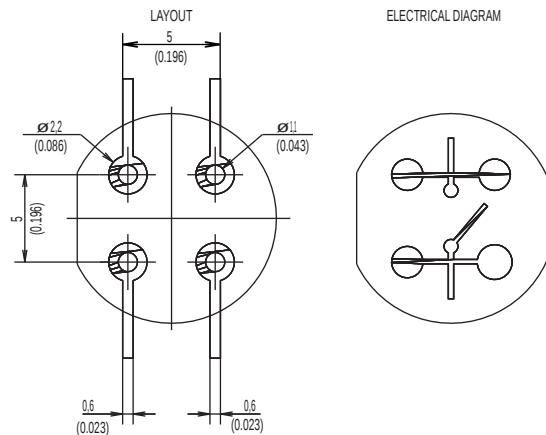
D6L ONLY AVAILABLE IN BLACK



SWITCH COLORS

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

PCB LAYOUT



First Angle Projection

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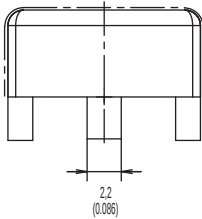
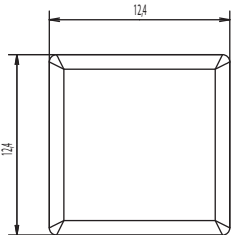
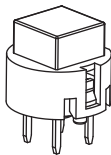
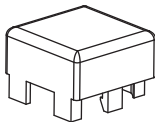
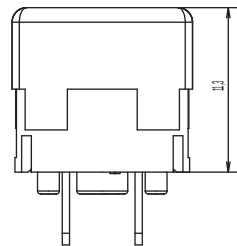
D6

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BUTTON AVAILABLE

BTND6 Buttons must be ordered separately. Shipped in bulk.

NOTE: Only compatible with D6C.



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



Key Switches



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