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

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.

Mechanical

SWITCHING TRAVEL:

Version F1: 0.2mm ≤ Te ≤ 1.0 mm Version F2: 0.3mm \leq Te \leq 1.1 mm

OPERATING FORCE:

Version F1: 0.8N ≤ Fa ≤1.8N Version F2: $2.0N \le Fa \le 3.5N$

Environmental

OPERATING TEMPERATURE: -20°C to 85°C.

Process

SOLDERABILITY:

Wave soldering, compatible with lead free soldering profile Hand soldering, 350°C for 3 seconds

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.

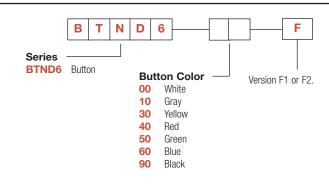




Button

Buttons can be ordered separately. Shipped in bulk.

D6 button for use with D6C only.





Dimensions are shown: mm

Specifications and dimensions subject to change



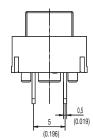


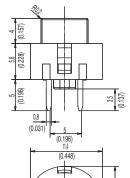
SPST Momentary Key Switches

SERIES _____

D6C

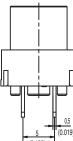


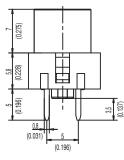


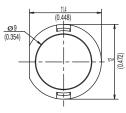


7,5 (0.295) D6R



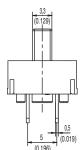


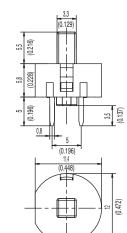




D6L ONLY AVAILABLE IN BLACK

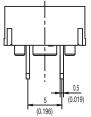


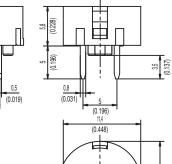


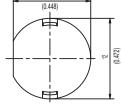


D6F









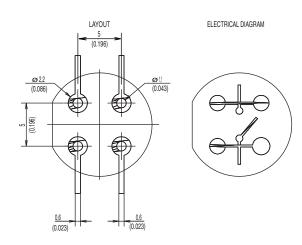




SWITCH COLORS —————

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

PCB LAYOUT

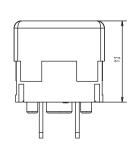


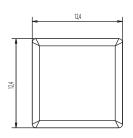
BUTTON AVAILABLE

BTND6 Buttons must be ordered separately. Shipped in bulk.

NOTE: Only compatible with D6C.

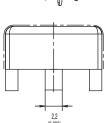












OPTION CODE	BUTTON COLOR
00	WHITE
10	GRAY
30	YELLOW
40	RED
50	GREEN
60	BLUE
90	BLACK



Dimensions are shown: mm Specifications and dimensions subject to change





Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

C&K Components:

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D60102 D60108 D60101 D60103 D60208 D60202 BTN D6 00 F D6R10 F1 LFS D6R00 F1 LFS D6C90 F1 LFS D6F90 F1 LFS D6L90 F1 LFS D6R90 F2 LFS D6R40 F1 LFS D6C00 F1 LFS D6R10 F2 LFS D6C40 F1 LFS D6C10 F1 LFS D6C30 F2 LFS D6C30 F2 LFS D6C40 F4 LFS D6C
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