

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
- RoHS compliant and compatible

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.: 32 V DC
SWITCHING CURRENT MAX.: 100 mA DC
DIELECTRIC STRENGTH (50 Hz / 1 min): 1000 V
OPERATING LIFE with max. switching power: (10⁵ operations)
CONTACT RESISTANCE: ≤100 mΩ
INSULATION RESISTANCE: ≥10¹¹ Ω
BOUNCE TIME: ≤ 3 ms

Mechanical

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

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: 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				L	F	S
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					
			RoHS compliant and compatible.					

*Available in black only.

Button

Buttons can be ordered separately.
Shipped in bulk.

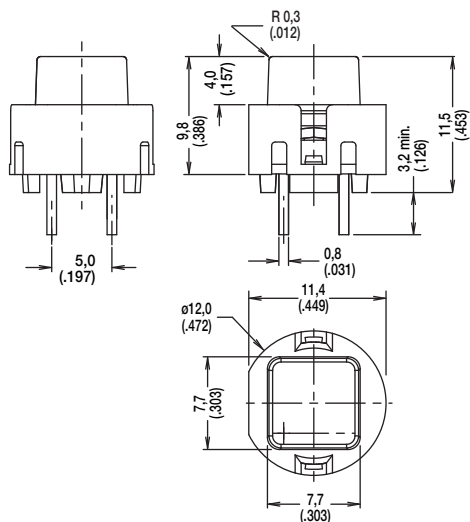
D6 button for use with D6C only.

	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

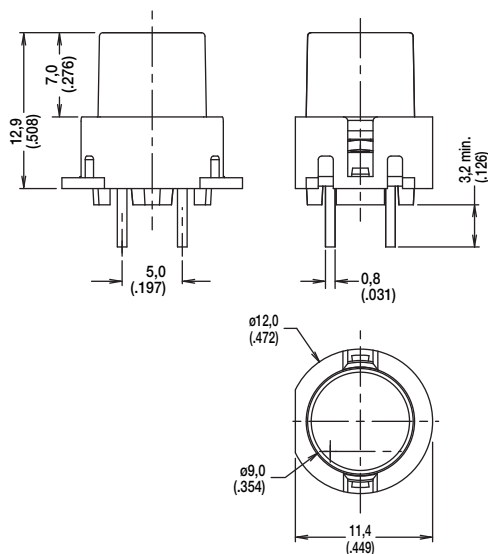
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SERIES 

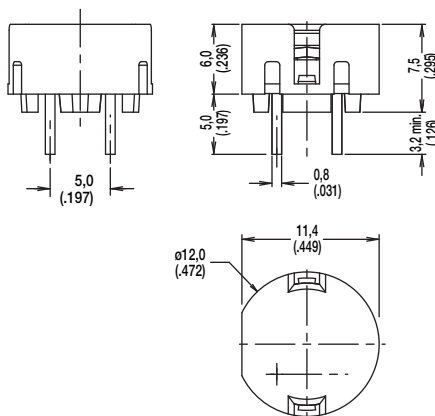
D6C



D6R



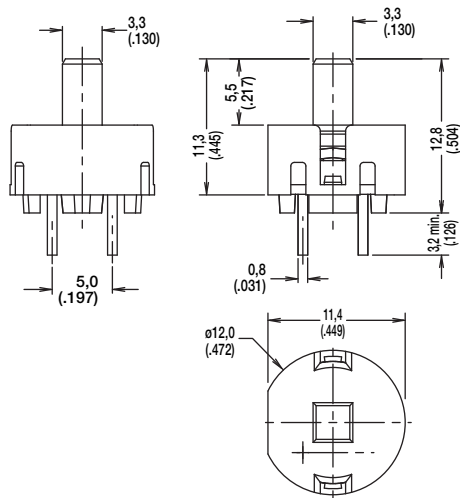
D6F ONLY AVAILABLE IN BLACK



D6
SPST Momentary Key Switches

SERIES 

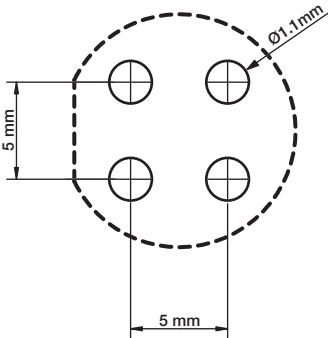
D6L ONLY AVAILABLE IN BLACK



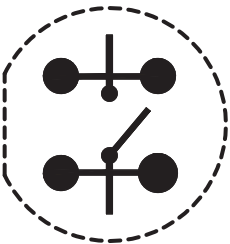
SWITCH COLORS 

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

PCB Layout



Electrical Diagram



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



E

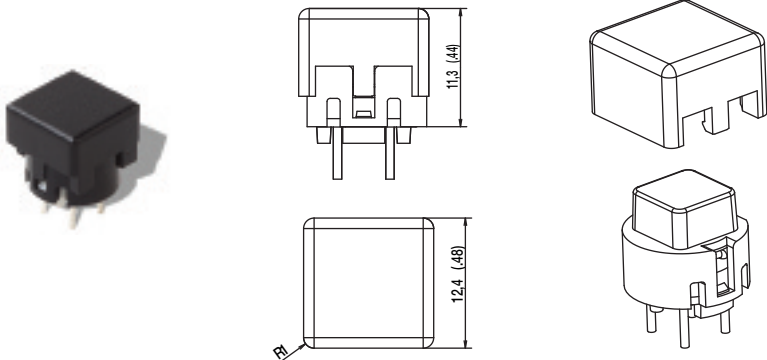
Key Switches

D6 SPST Momentary Key Switches

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
80	IVORY
90	BLACK



Key Switches