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: ≥ 2.5 x 10^6 operations
CONTACT RESISTANCE: ≤ 100 mΩ
INSULATION RESISTANCE: ≥ 10^11 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: 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

Buttons can be ordered separately. Shipped in bulk.

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Key Switches

D6C

D6R

D6F Only available in black

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

www.ittcannon.com
Key Switches

D6
SPST Momentary Key Switches

**SERIES**

D6L Only available in black

**SWITCH COLORS**

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<th>OPTION CODE</th>
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<tr>
<td>80</td>
<td>IVORY</td>
</tr>
<tr>
<td>90</td>
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</table>

**OPTION**

NONE STANDARD  
HT HIGH TEMPERATURE

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

ITT Industries  
Cannon

D-19
BTND6  Buttons must be ordered separately. Shipped in bulk.

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