

## Sub-miniature Flat Button Momentary Switches



### DESCRIPTION

A range of PCB mounted momentary 'keyboard' switches with a range of illumination options

### DISTINCTIVE FEATURES

- Sub-miniature
- Momentary Action
- Through Hole Technology (THT)

### APPLICATIONS

These sub-miniature pushbutton switches are suitable for a variety of switching applications, including industrial, communication, control equipment, and instrumentation.

SPDT

24V  
DC

Mom





## ELECTRICAL SPECIFICATION

Rating	12mA 24V DC
Contacts	SPDT
Function	OFF-(ON)
Contact Resistance	100mΩ maximum (initial)
Insulation Resistance	100MΩ minimum
Withstand Voltage	250V AC for 1 minute
Minimum Load	10mA 3.3V DC (reference only)



## GENERAL SPECIFICATION

Type	Pushbutton Switches
Mounting Type	PCB
Travel	2.0±0.4mm
RoHS compliant	Yes



## MATERIALS

Base	Nylon 66, UL-94V-2 minimum
Cap	ABS
Terminal	Phosphor bronze, gold plated



## ENVIRONMENTAL/OPERATING SPECIFICATION

Operating Temperature	+10°C ~ +60°C
Operating Force	170±50g
Operating Life	50,000 cycles minimum
Soldering Specification	250°C maximum for 3 seconds
Soldering Time	1 time only

**Note 1:** Not washable, do not immerse in epoxy or organic solvent.



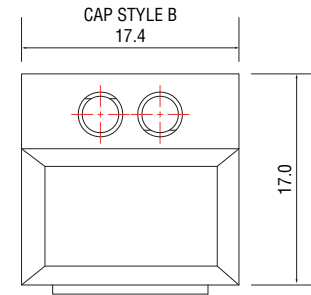
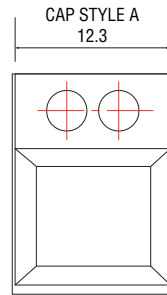
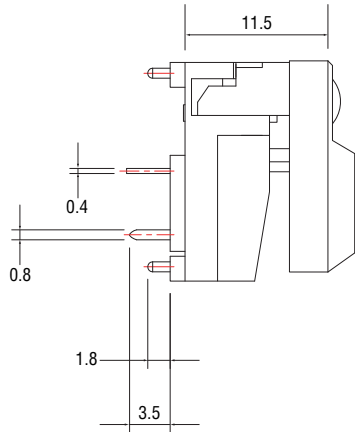
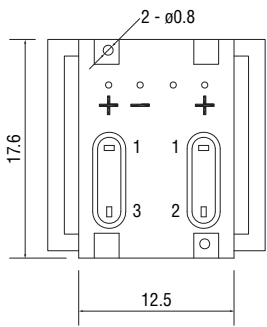
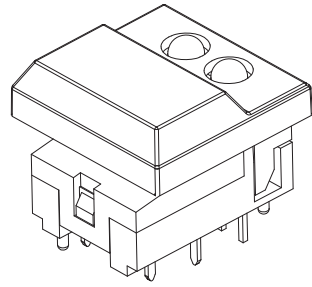
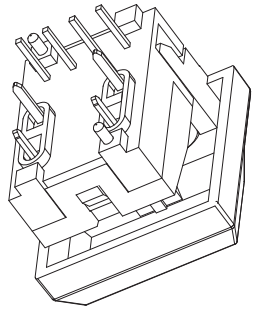
## TERMINALS

Type	PCB Pins
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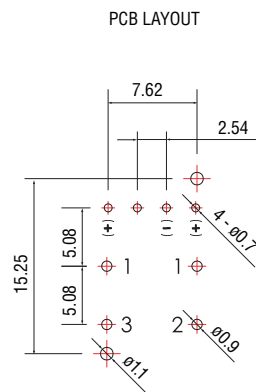
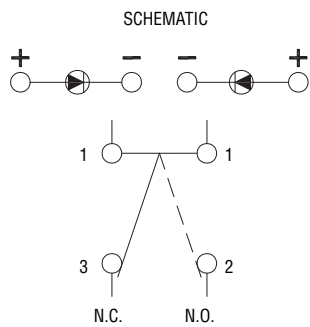
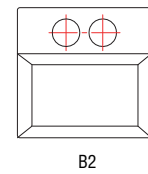
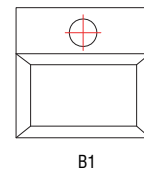
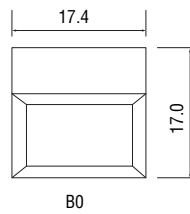
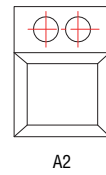
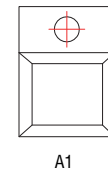
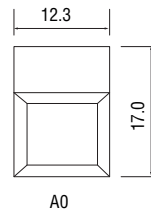


## DIMENSIONS/DRAWINGS

Units	mm - unless stated otherwise
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### CAP STYLES





## OPTIONS (MOQ may apply)

Cap Colour	R Red; G Grey, B Black, W White, Y Yellow, O Orange, BU Blue and GN Green
LED Colour	Single LED: Red, Yellow and Green Double LEDs: Any combination of Red, Yellow and Green.
Cap Style	Available in A0 (without LED), A1 (1 LED), A2 (2 LEDs), 12.3 x 17mm, B0 (without LED), B1 (1 LED) and B2 (2 LEDs), 17.4 x 17mm



## PART NUMBER TABLE

Part number	Cap style	Number of LEDs	UNSPSC	EAN	Country of origin
<b>53-6949</b>	A0	0	39122216	5053556018277	China
<b>53-6950</b>	A1	1	39122216	5053556018284	China
<b>52-6951</b>	A2	2	39122216	5053556018291	China

For further information on pricing, delivery, and long-term stock agreements please contact your local business development person, telephone our main office on **01206 838000** or email **Sales@Rapidonline.com**.



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