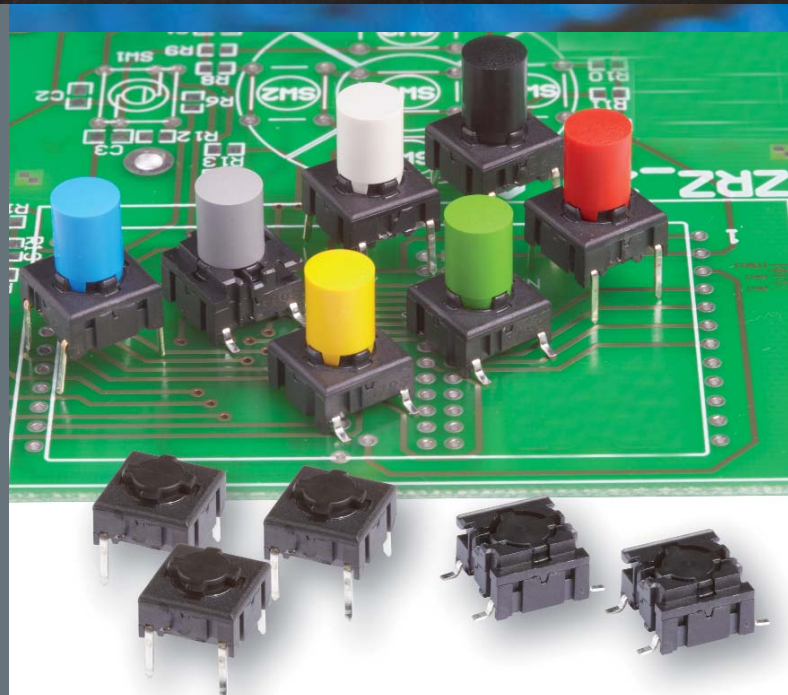




The new caps for the Multimec switches 1SS / 1LS / 1IS is optimized with a "snap on" system to ensure the cap to stay on the switch actuator even under heavy vibrations or similar scenarios.

- The 1SS cap is a solid cap which can be supplied in different colours
- The 1LS cap is a solid cap like 1SS, but with a small round lens for intensive or smooth illumination
- The 1IS cap is a transparent or milk white cap like 1SS, for intensive or smooth illumination



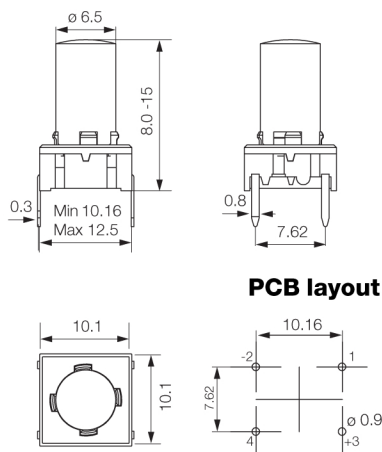
Distributor:

### Technical Data

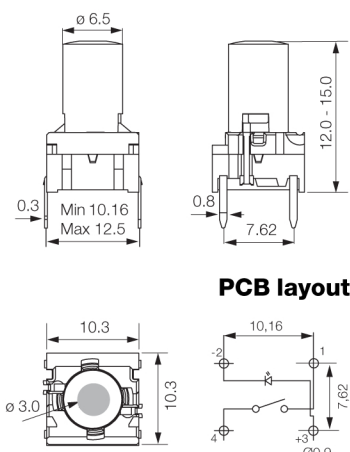
- through-hole or SMD
- 50mA/24VDC
- single pole/momentary
- 10.000.000 operations life time
- IP67 sealing
- temperature range:  
LED: -40/+85°C  
solid cap +65°C  
transparent +85°C
- actuation force: 2.0, 3.5, 6.5 N



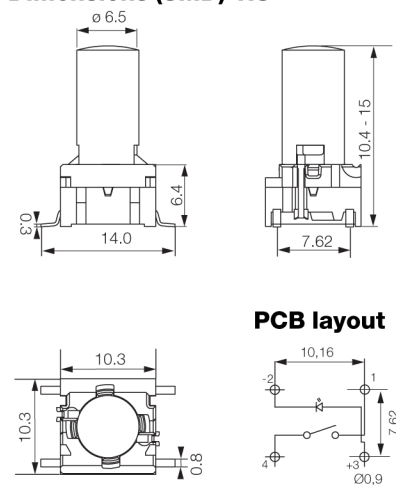
### Dimensions (through-hole) 1SS



### Dimensions (w. LED) 1LS



### Dimensions (SMD) 1IS



### HOW TO ORDER

|               |                          |                        |                          |                                                                                     |                         |                        |                   |
|---------------|--------------------------|------------------------|--------------------------|-------------------------------------------------------------------------------------|-------------------------|------------------------|-------------------|
| <b>5 G</b>    |                          |                        |                          |                                                                                     |                         |                        |                   |
| <b>Switch</b> | <b>Mounting</b>          | <b>Actuation force</b> | <b>LED</b>               | <b>Cap</b>                                                                          | <b>Colour code</b>      | <b>Lens</b>            | <b>Height/1IS</b> |
|               | <b>TH9</b> through-hole  | <b>20</b>              | <b>01</b> blue           | <b>1IS</b> transparent                                                              | <b>00</b> blue          | <b>1</b> transparent   | <b>10.4</b>       |
|               | <b>SH9</b> surface mount | <b>35</b>              | <b>22</b> green          |  | <b>03</b> grey          | <b>6</b> frosted white | <b>11.0</b>       |
|               |                          | <b>65</b>              | <b>42</b> yellow         | <b>1LS</b> with lens                                                                | <b>08</b> red           | <b>2</b> green         | <b>12.0</b>       |
|               |                          |                        | <b>61</b> white          |  | <b>09</b> black         | <b>4</b> yellow        | <b>15.0</b>       |
|               |                          |                        | <b>82</b> red            |                                                                                     | <b>11</b> transparent   | <b>8</b> red           |                   |
|               |                          |                        | <b>2242</b> green/yellow |                                                                                     | <b>16</b> frosted white |                        | <b>Height/1LS</b> |
|               |                          |                        | <b>8222</b> red/green    |                                                                                     |                         |                        | <b>12.0</b>       |
|               |                          |                        |                          |                                                                                     |                         |                        | <b>15.0</b>       |

### Switch to be used: 5E or 5G

|            |                          |                        |                                                                                     |                    |               |  |
|------------|--------------------------|------------------------|-------------------------------------------------------------------------------------|--------------------|---------------|--|
| <b>5 E</b> |                          |                        |                                                                                     |                    |               |  |
| <b>5 G</b> | <b>Mounting</b>          | <b>Actuation force</b> | <b>Cap</b>                                                                          | <b>Colour code</b> | <b>Height</b> |  |
|            | <b>TH9</b> through-hole  | <b>20</b>              | <b>1SS</b> solid colour                                                             | <b>00</b> blue     | <b>08.0</b>   |  |
|            | <b>SH9</b> surface mount | <b>35</b>              |  | <b>02</b> green    | <b>09.5</b>   |  |
|            |                          | <b>65</b>              |                                                                                     | <b>03</b> grey     | <b>10.4</b>   |  |
|            |                          |                        |                                                                                     | <b>04</b> yellow   | <b>11.0</b>   |  |
|            |                          |                        |                                                                                     | <b>06</b> white    | <b>12.0</b>   |  |
|            |                          |                        |                                                                                     | <b>08</b> red      | <b>15.0</b>   |  |
|            |                          |                        |                                                                                     | <b>09</b> black    |               |  |

Dimensions (mm) Unless otherwise specified, all tolerances  $\pm 0.2$

**Ordering example:** 5GTH93501+1LS03115.0

See colour codes on our website: [www.mec.dk](http://www.mec.dk)