



The new caps for the Multimec switches 1PS / 1QS / 1RS 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 1PS cap is a solid cap which can be supplied in different colours
- The 1QS cap is a solid cap like 1PS, but with a rectangular lens for intensive or smooth illumination
- The 1RS cap is a solid cap like 1PS, but with a round lens for intensive or smooth illumination



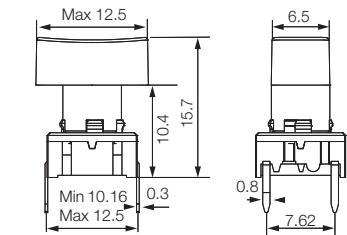
Distributor:

Technical Data

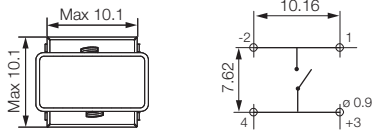
- through-hole or SMD
- 50mA/24VDC
- single pole/momentary
- 10.000.000 operations life time
- IP67 sealing
- temperature range:
LED: -40/+85°C
solid cap +65°C
transparent +85°C
- actuation force: 2.0, 3.5, 6.5 N



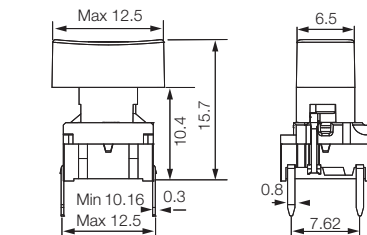
Dimensions (through-hole)



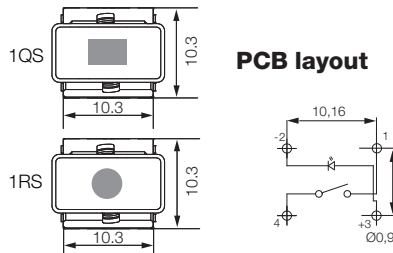
PCB layout



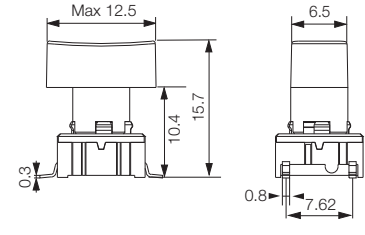
Dimensions (w/LED)



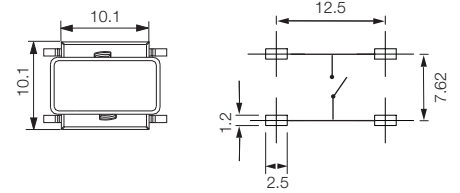
PCB layout






Dimensions (SMD)




PCB layout



HOW TO ORDER

| | | | | | | |
|---------------|--------------------------|--------------------------|--------------------------|---|--------------------------|--------------------------|
| 5 G | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Switch | Mounting | Actuation force | LED | Cap | Colour code | Lens |
| | TH9 through-hole | 20 | 01 blue | 1QS with lens | 00 blue | 1 transparent |
| | SH9 surface mount | 35 | 22 green |  | 03 grey | 6 frosted white |
| | | 65 | 42 yellow | 1RS with lens | 08 red | |
| | | | 61 white |  | 09 black | |
| | | | 82 red | 1PS | | |
| | | | 2242 green/yellow |  | 11 transparent | |
| | | | 8222 red/green | | 16 frosted white | |
| | | | 8242 red/yellow | | | |

Switch to be used: 5E or 5G

| | | | | |
|------------|--------------------------|--------------------------|---|--------------------------|
| 5 E | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5 G | Mounting | Actuation force | Cap | Colour code |
| | TH9 through-hole | 20 | 1PS solid colour | 00 blue |
| | SH9 surface mount | 35 |  | 02 green |
| | | 65 | | 03 grey |
| | | | | 04 yellow |
| | | | | 06 white |
| | | | | 08 red |
| | | | | 09 black |

Dimensions (mm) Unless otherwise specified, all tolerances ±0,2

Ordering example: 5ETH935+1PS08

See colour codes on our website: www.mec.dk