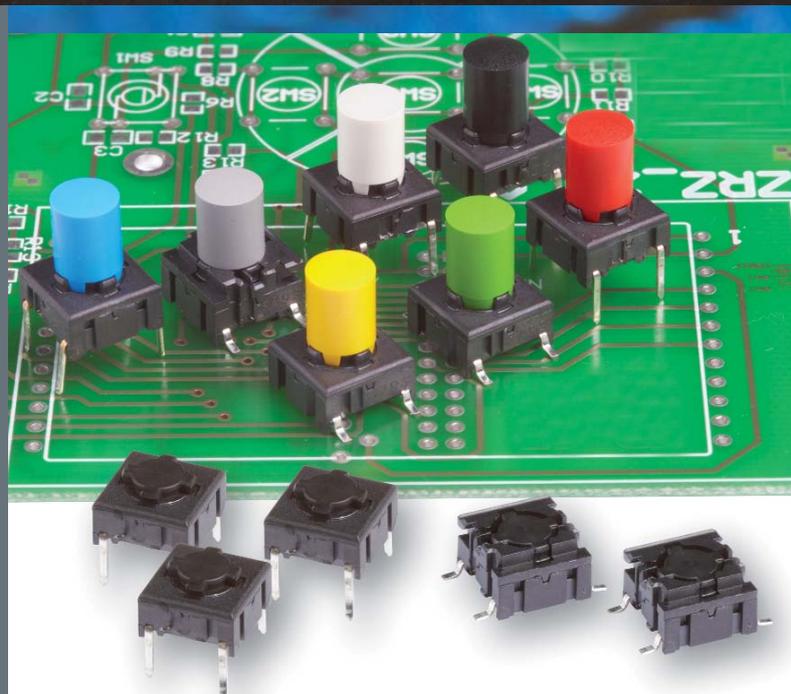# mec
switches

1SS / 1LS / 1IS

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
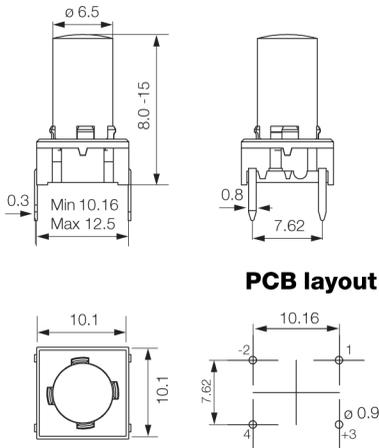- The 1IS cap is a transparent or milk white cap like 1SS, for intensive or smooth illumination

Distributor:
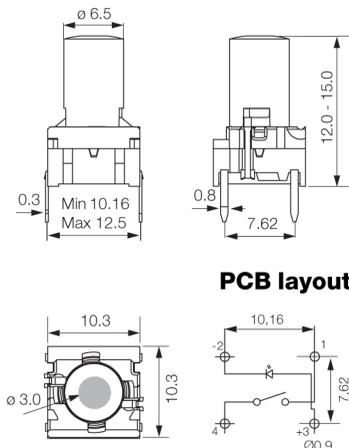
multimec®

5E/5G + 1SS/1LS/1IS

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
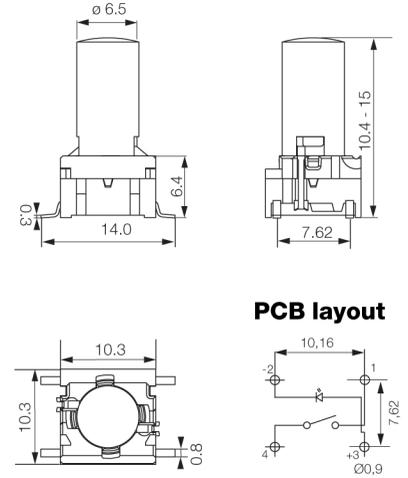 transparent +85°C
- actuation force: 2.0, 3.5, 6.5 N

Dimensions (through-hole) 1SS

ø 6.5
8.0 -15
0.3
Min 10.16
Max 12.5
0.8
7.62

PCB layout
10.1
10.1
10.16
7.62
-2
1
4
+3
ø 0.9

Dimensions (w. LED) 1LS

ø 6.5
12.0 - 15.0
0.3
Min 10.16
Max 12.5
0.8
7.62

PCB layout
10.3
ø 3.0
10.3
10,16
-2
1
4
+3
Ø0,9
7.62

Dimensions (SMD) 1IS

ø 6.5
6.4
0.3
14.0
10.4 - 15
7.62

PCB layout
10.3
10.3
0.8
10,16
-2
1
4
+3
Ø0,9
7.62

HOW TO ORDER

| 5 | G |

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

Switch to be used: 5E or 5G

| 5 | E |
| 5 | G |

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

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

Ordering example: 5GTH93501+1LS03115.0

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