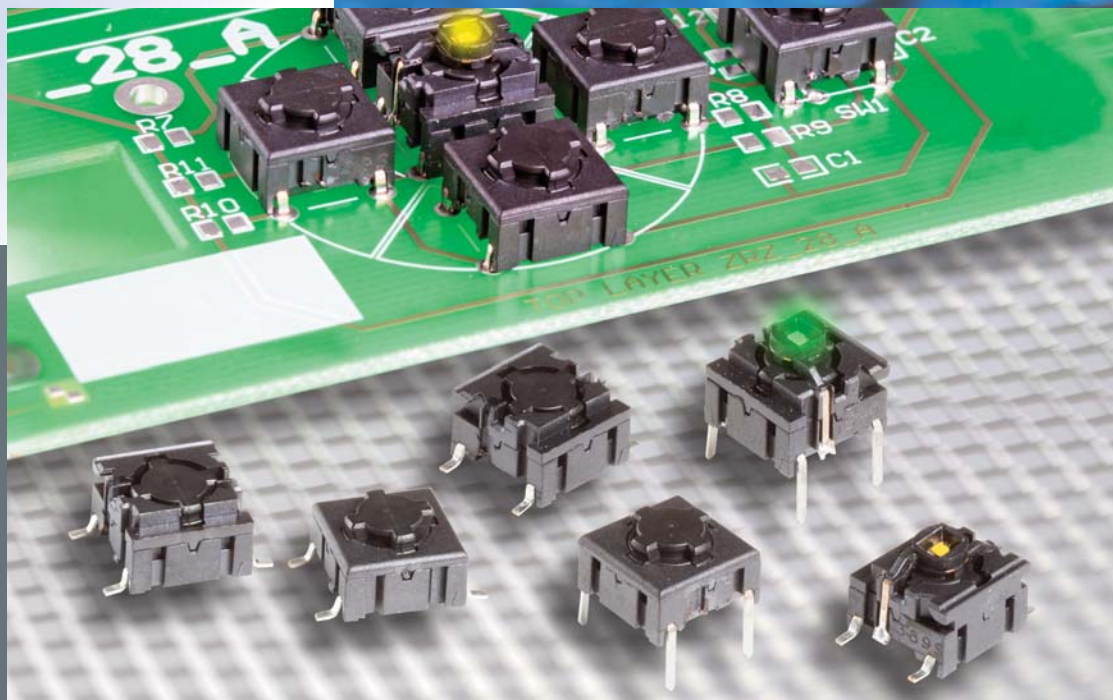




The Multimec 5E and 5G series is the new generation of the existing 3A, 3C, 3E, 3F, 4A and 4F multimec switches. The 5E and 5G series is a narrower product line, but the flexibility is more advanced. The switches will be supplied in high temperature material only to stand today's advanced soldering processes. The cap holding system is improved, by a superior snap system.

The 5E and 5G series can be supplied with LED's integrated in the switch and also as a surface mount switch. A high variety of aesthetic designed keycaps is available for the multimec switches both as solid caps, but also with excellent illumination possibilities.

The standard program will include three different actuation forces: 2, 3.5, and 6.5N. The multimec switches are known for their crisp audible tactile feel although a quiet version is available for sensitive applications such as audio, conference and military equipment.

The switch can be used as through-hole or SMD versions, and are designed to be used in a wide variety of applications.



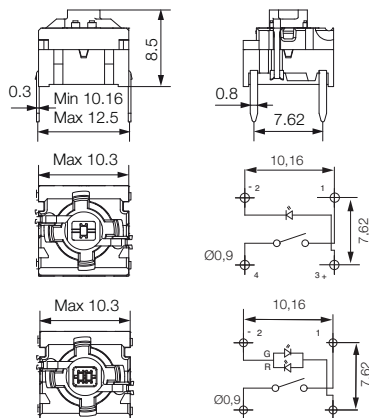
Distributor:

Technical Data:

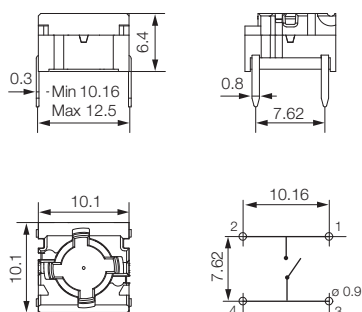
- through-hole or SMD / 50mA/24VDC / single pole/momentary
- 10.000.000 operations life time / IP67 sealing / actuation force: 2.0, 3.5, 6.5 N
- high temperature -40/+160° C



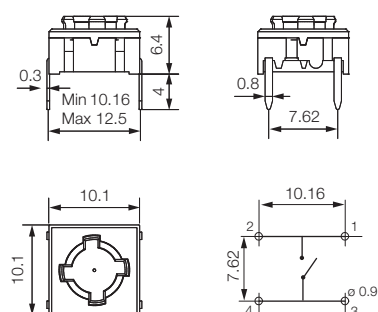
5GTH9 (through-hole) 1+2 LED



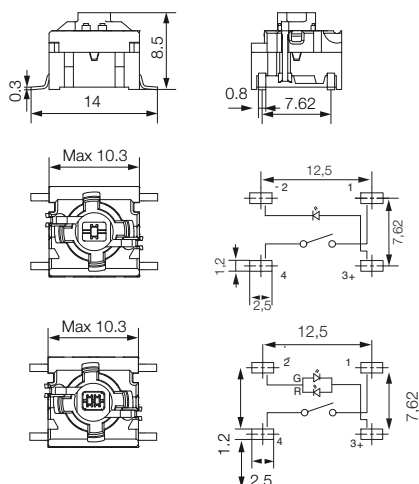
5GTH9 (through-hole)



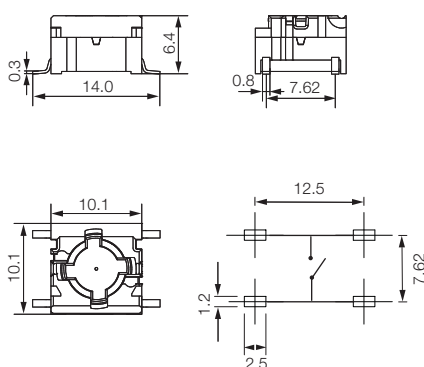
5ETH9 (through-hole)



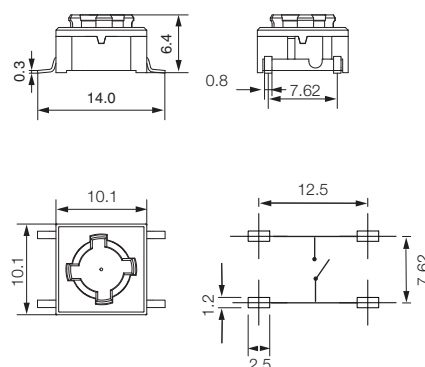
5GSH9 (SMD) 1+2 LEDS



5GSH9 (SMD)



5ESH9 (SMD)



HOW TO ORDER

5 G				
Switch	Mounting	Actuation force	LED	
	TH9 through-hole	20	01 blue / 22 green / 42 yellow / 61 white / 82 red / 2242 green/yellow / 8222 red/green / 8242 red/yellow	
	SH9 surface mount	35		
		65		

5 E				
Switch	Mounting	Actuation force	Switch	Mounting
	TH9 through-hole	20		TH9 through-hole
	SH9 surface mount	35		SH9 surface mount
		65		

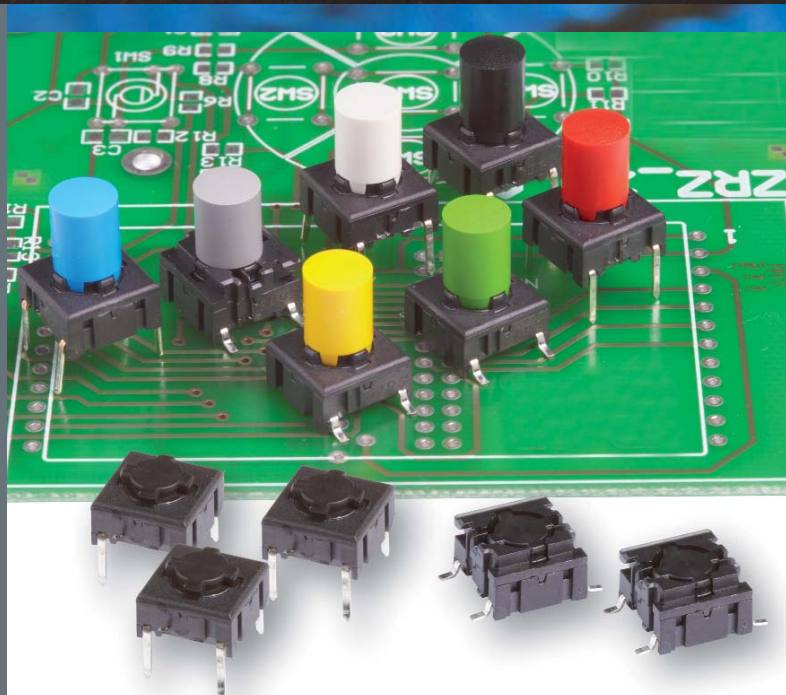
Ordering example: 5GSH96535

See colour codes on our website: www.mec.dk
Dimensions (mm) Unless otherwise specified, all tolerances ± 0.2



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



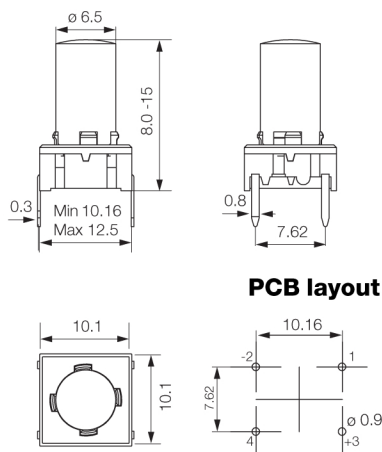
Distributor:

Technical Data

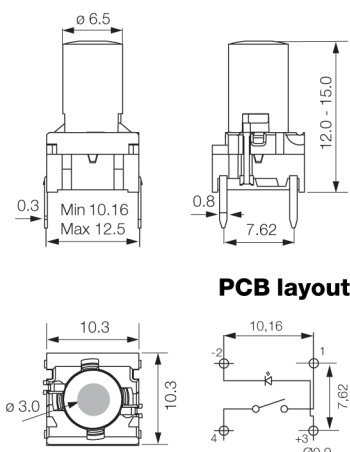
- through-hole or SMD
- 50mA/24VDC
- single pole/momentary
- 10.000.000 operations life time
- IP67 sealing
- temperature range:
LED: -40/+85°C
solid cap +65°C
transparent +85°C
- actuation force: 2.0, 3.5, 6.5 N



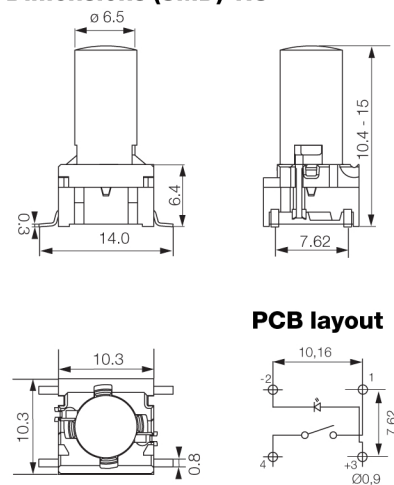
Dimensions (through-hole) 1SS



Dimensions (w. LED) 1LS



Dimensions (SMD) 1IS



HOW TO ORDER

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	1LS with lens	08 red	2 green	12.0
			61 white		09 black	4 yellow	15.0
			82 red		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