



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



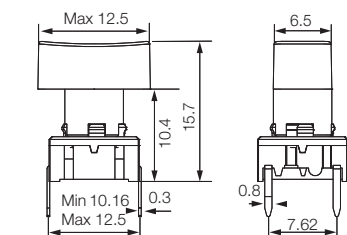
Distributor:

Technical Data

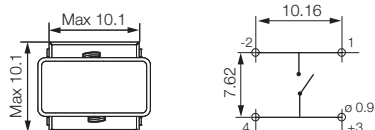
- through-hole or SMD
- 50mA/24VDC
- single pole/momentary
- 10.000.000 operations life time
- IP67 sealing
- temperature range:
LED:-40/+85°C
solid cap +65°C
transparent +85°C
- actuation force: 2.0, 3.5, 6.5 N



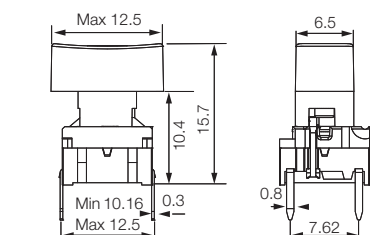
Dimensions (through-hole)



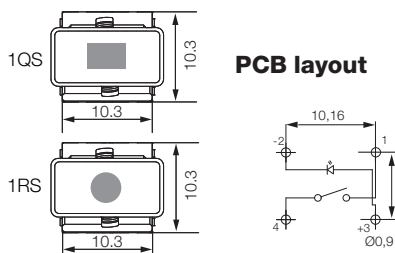
PCB layout



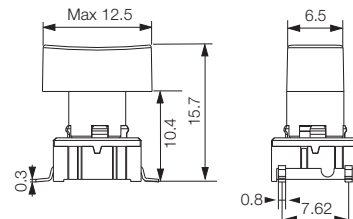
Dimensions (w/LED)



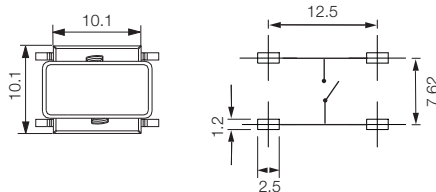
PCB layout



Dimensions (SMD)



PCB layout



HOW TO ORDER

5 G						
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			
			8222 red/green			
			8242 red/yellow		11 transparent	
					16 frosted white	

Switch to be used: 5E or 5G

5 E					
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 $\pm 0,2$

Ordering example: 5ETH935+1PS08

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Apem:](#)

[1PS00](#) [1PS16](#) [1Q096](#) [1Q036](#) [1RS036](#) [1QS036](#) [1RS096](#) [1P00](#) [1P08](#) [1RS081](#) [1PS02](#) [1QS091](#) [1QS086](#) [1PS04](#)
[1RS031](#) [1QS081](#) [1RS091](#) [1PS08](#) [1R096](#) [1RS086](#)