

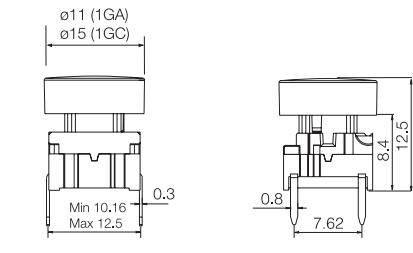
multimec® 3F + 1GA/1GC

Technical Data

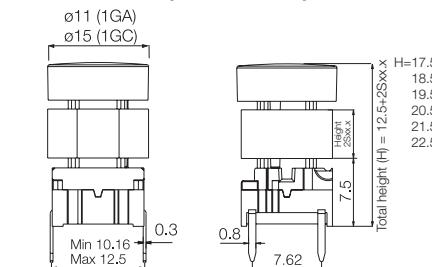
- through-hole or SMD
- 50mA/24VDC
- single pole/momentary
- 10.000.000 operations life time
- IP67 sealing
- temperature range:
 - low temp: -40/+115°C
 - high temp: -40/+160°C



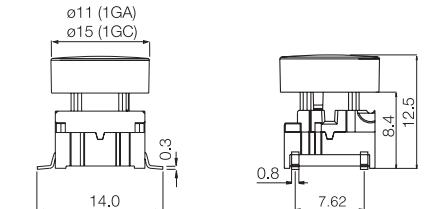
Dimensions (through-hole)



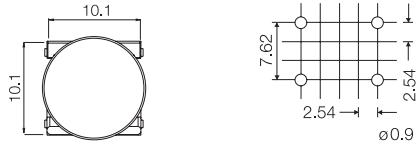
Dimensions (w/extender)



Dimensions (SMD)



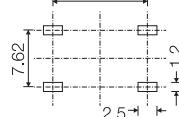
PCB layout



PCB layout



PCB layout



How to order

3 **F**



+

1 **G** **A** **0** **9**

+

2 **S** **0** **9** - . **0**

Switch



Mounting
T through-hole
S surface mount



L 6 low temp.
H 9 high temp.

Cap black



1 **G** **C** **0** **9**

Cap black



Height

05.0
06.0
07.0
08.0
09.0
10.0

(Optional)
 Adds 5-10 mm
 to total height.

Keycap	Variable Extender	H (height) mm	Example
1GA/1GC	2S09-05.0	12.5	H 1
1GA/1GC	2S09-06.0	17.5	H 2
	2S09-07.0	18.5	
	2S09-08.0	19.5	
	2S09-09.0	20.5	
	2S09-10.0	21.5	
		22.5	H 3

H = Overall height

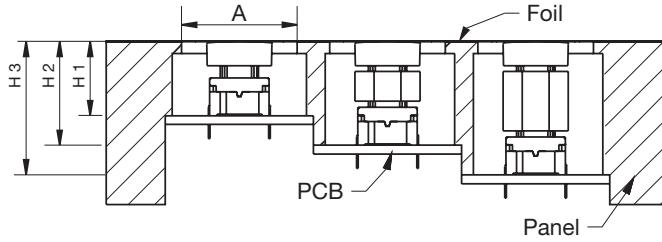
Overall heights below 12.5 mm - Please see Multimec® versions 3C and 3E.

All 2S09 extenders are stackable giving the possibility to match most overall heights.

A = We recommend you to allocate enough space for travel of the foil and leave the area free from adhesive.

Switch travel = 1 mm.

H = We recommend you to calculate this dimension from the top of the PCB to the inner top of the panel.



Ordering example: 3FTL6 + 1GA09 or 3FTL6 + 2S09-07.0 + 1GC09

For updates of products and/or changes of specifications please see www.mec.dk

Mouser Electronics

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[Apem](#):

[1GA09](#) [1GC09](#)