



MEC's exclusive snap-on keycap in 10.4 mm total height. Optimized for use with foil overlays.

The 1JS keycaps are available in nine standard colours: 00 blue/02 green/03 grey/04 yellow/06 white/08 red/09 black/11 transparent/16 frosted white.

In combination with the switch the 1JS becomes the lowest illuminated keycap possible; especially designed for foil overlays and featuring soft edges for extended foil overlay lifetime. The 1JS 11 transparent/16 frosted white has superior illumination potential when combined with the newest Multimec 5G switch. The switch can be either surface mount or through-hole. Cap retention is optimized with an innovative "snap-on" system.



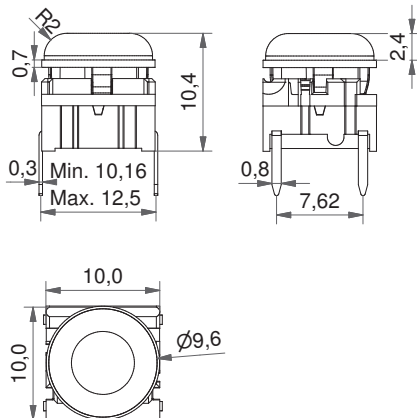
Distributor:

Technical Data:

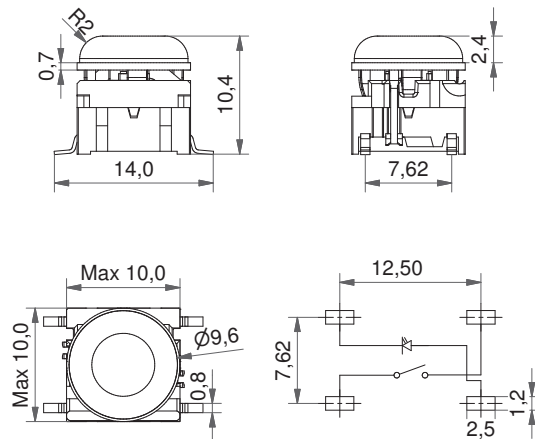
- through-hole or SMD
- 50mA/24VDC
- single pole/momentary
- 10.000.000 operations lifetime
- IP67 sealing
- temperature range:
LED: -30/+85°C
solid cap: +65°C
transparent: +85°C
- actuation force: 2.0, 3.5, 6.5 N



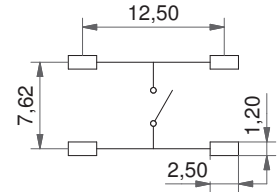
Dimensions (through-hole)



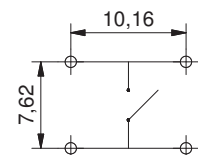
Dimensions (SMD w/LED)



PCB Layout SMD



PCB Layout TH



HOW TO ORDER

5 G				+	1 J S	
Switch	Mounting	Actuation force	LED		Cap	Colour code
	TH9 through-hole	20	01 blue		1JS transparent	11 transparent
	SH9 surface mount	35	22 green			16 frosted white
		65	42 yellow			
			61 white			
			82 red			
			2242 green/yellow			
			8222 red/green			

5 G			+	1 J S	
Switch	Mounting	Actuation force		Cap	Colour code
	TH9 through-hole	20		1JS 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

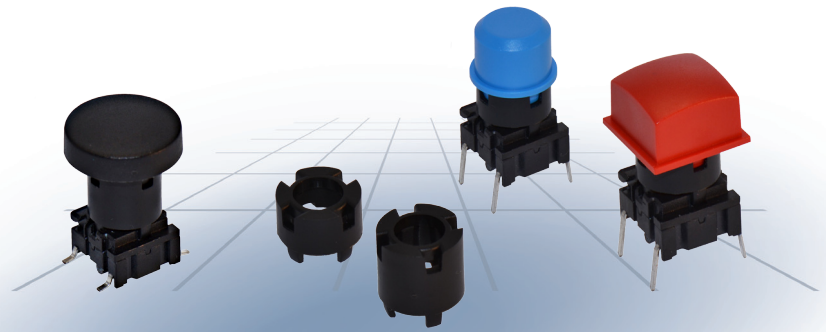
Ordering example: 5GTH935+1JS08 without illumination
5GTH93501+1JS16 with illumination

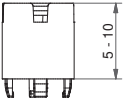
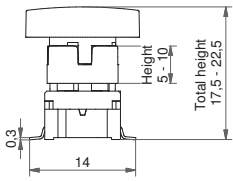
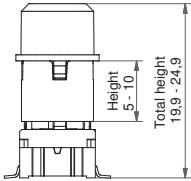
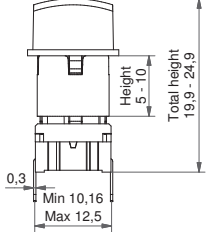
See colour codes on our website: www.mec.dk

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

Technical Data:

- through-hole or SMD
- 50mA/24VDC
- single pole/momentary
- 10.000.000 operations lifetime
- IP67 sealing
- temp. range: switch: -40/+160°C
LED: -30/+85°C
solid keycap: -40/+65°C
transparent keycap: -40/+85°C
- actuation force: 2.0, 3.5, 6.5 N



Dimensions (2SS)	Dimensions (SMD) + 1GCS	Dimensions (SMD) + 1DS	Dimensions (TH) + 1TS
 5mm, 6mm, 7mm, 8mm, 9mm, 10mm	 Height 5 - 10 Total height 17.5 - 22.5 14	 Height 5 - 10 Total height 19.9 - 24.9	 Height 5 - 10 Total height 19.9 - 24.9 Min 10,16 Max 12,5

HOW TO ORDER

5 G				+		+	2 S S 0 9 - . 0
Switch	Mounting	Actuation force	(LED)		Cap		Extender 2SS height
	TH9 through-hole	20	01 blue		See the table below		05.0
	SH9 surface mount	35	22 green				06.0
		65	42 yellow				07.0
		Q*	61 white				08.0
			82 red				09.0
			2242 green/yellow				10.0
			8222 red/green				
			8242 red/yellow				



2SS can be used with all 5G-type snap-on caps

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

Keycap	Original height	Height with a single extender
1DS/1ES/1FS	14.9	19.9-24.9
1GAS/1GCS	12.5	17.5-22.5
1KS/1KBS/1KCS	19.1; 20.2; 20.1	24.1; 25.2; 25.1-29.1; 30.2; 30.1
1NS	14.9	19.9-24.9
1TS/1US/1VS	14.9	19.9-24.9
1WAS/1WDS/1WPS	15.7	20.7-25.7
1XS	18.5	23.5-28.5
1ZCS	11.7	16.7-21.7

*Only available for actuation force 2.0N (20) and the letter Q is added to the end of the switch part number. See the ordering example.

Dimensions (mm) Unless otherwise specified, all tolerances +/- 0,2

Ordering example: 5GTH935+1GAS09+2SS09-06.0

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*5GSH920Q or 5GTH92082Q (quiet version)

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