multimec®

Extender for 5G cap range

- Designed for 5G cap retention system
- Stackable, giving the possibility to match most overall heights
- h =5-10 mm
- Material: Nylon
- Temp. Range:
  - Switch: -40/+160°C
  - LED: -30/+85°C
  - Solid keycap: -40/+65°C
  - Transparent keycap: -40/+85°C

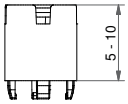


All dimensions in mm *Tolerances -/+0.2mm*

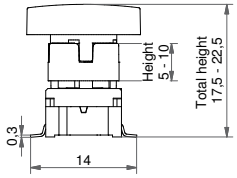
DIMENSIONS

2SS

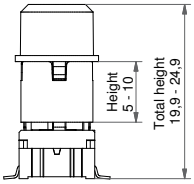
5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm



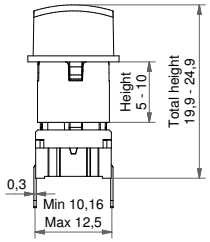
SMD + 2SS+1GCS



SMD + 2SS+1DS



TH + 2SS+1TS



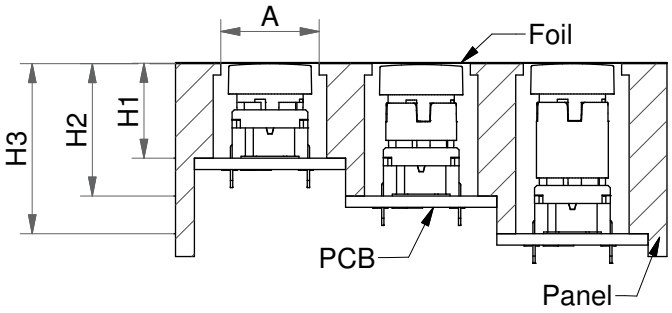
HOW TO ORDER

Switch	Mounting	Actuation force	LED (optional)		Cap	Extender 2SS height
5 G				+		2 S S 0 9 - . 0
	TH9 through-hole	**20**	**02** 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			



*For an illuminated quiet 2.0N switch add Q to the end of the switch part number.

How to use 1GAS/1GCS + 2SS under foil



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

H=We recommend you to calculate this dimension from the top of the PCB to the inner top of the panel with a small pretention 0.1-0.2mm

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

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

Cap	Original height (H1)	Height with a single extender (H2;H3)
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

Ordering example: 5GTH935+1GAS09+2SS09-06.0 OR *5GSH920Q or 5GTH92082Q (quiet version)

Please see colour codes, updates of products and changes of specifications on www.mec.dk