

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

All dimensions in mm

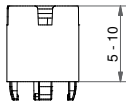
Tolerances $\pm 0.2\text{mm}$



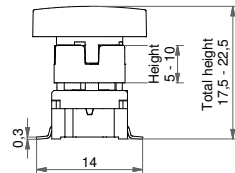
DIMENSIONS

2SS

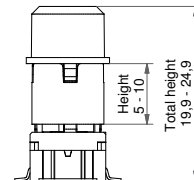
5 mm, 6 mm, 7 mm, 8 mm,
9 mm, 10 mm



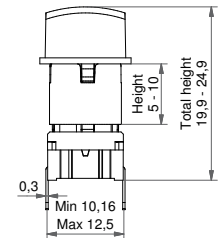
SMD + 2SS+1GCS



SMD + 2SS+1DS



TH + 2SS+1TS

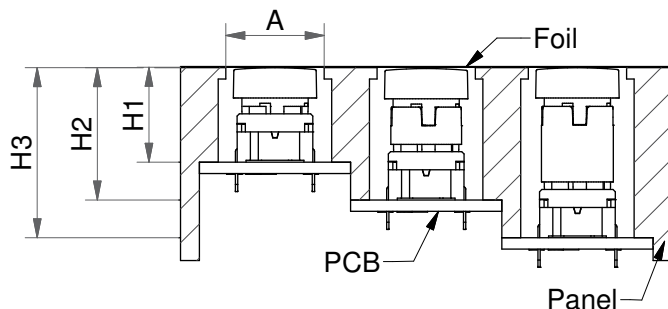


HOW TO ORDER

| Switch | Mounting | Actuation force | LED (optional) | + | Cap | Extender 2SS height |
|------------|--|---|--|----------|--|--|
| 5 G | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | + | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | 2 5 5 0 9 - . 0 |
| | TH9 through-hole SH9 surface mount | 20 35 65 Q* | 02 blue 22 green 42 yellow 61 white 82 red 2242 green/yellow 8222 red/green 8242 red/yellow | | See the table below | 05.0 06.0 07.0 08.0 09.0 10.0 |

*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