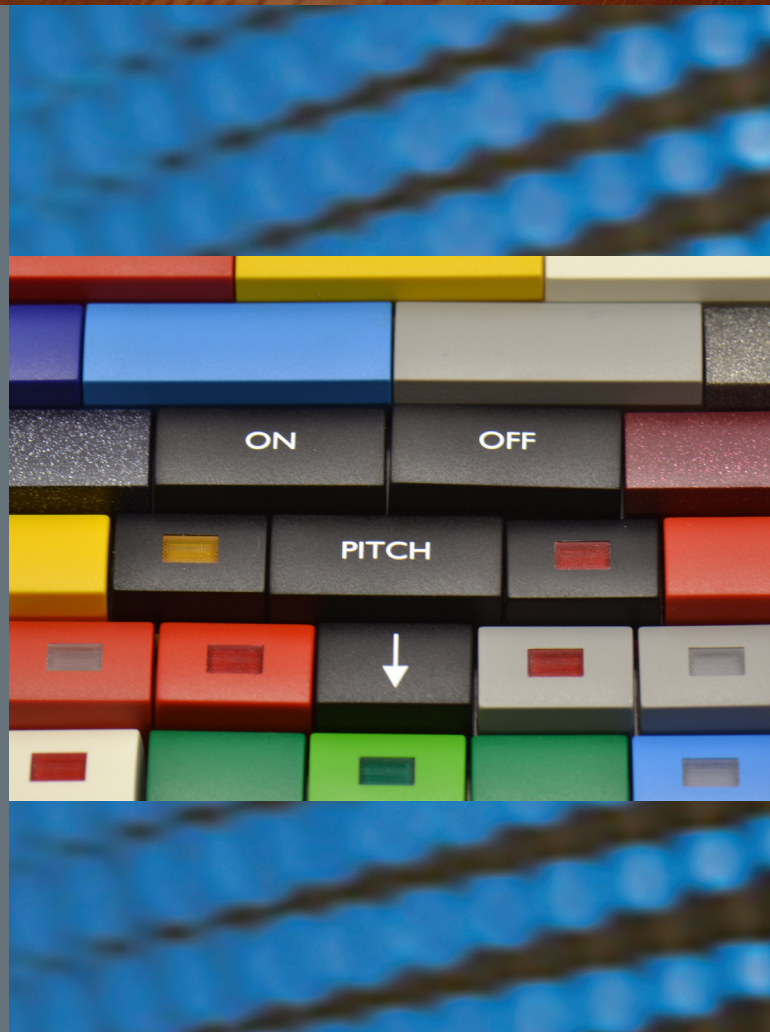




1A/1H/1M/1ZA series caps have a hinge-type retention system which gives a rocker-action actuation when mounted on Multimec 5G switch.

Illumination can be provided with 1A in transparent colours or 1H with different colour lenses.

1A/1H, 1ZA and 1M caps offer three different dimensions, many solid and transparent colours as well as lens colours. 1A has many legend options in its standard offering; however, all caps can be provided with custom legends.

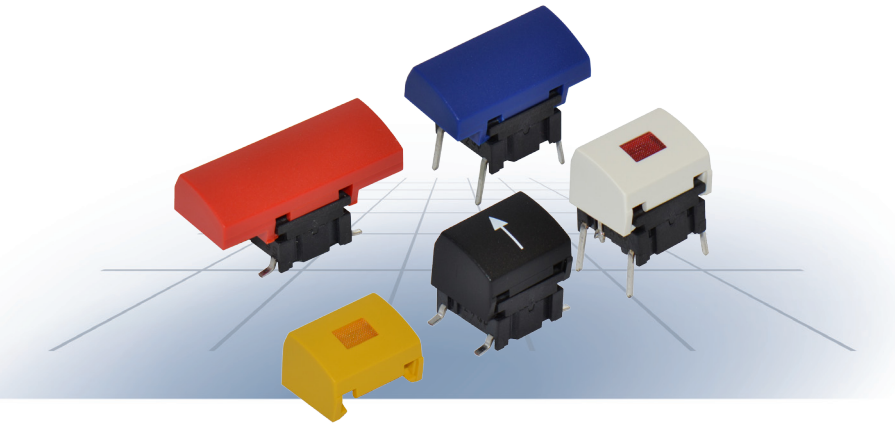


*Letter legends on the picture are not standard

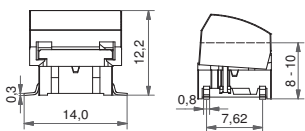
Distributor:

Technical Data:

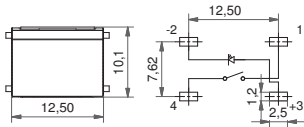
- through-hole or SMD
- 50mA/24VDC
- single pole/momentary
- 10.000.000 operations lifetime
- IP67 sealing
- temp. range: switch: -40/+160°C
LED: -30/+85°C
solid keycap: -40/+65°C
transparent keycap: -40/+85°C
- actuation force: 2.0, 3.5, 6.5 N



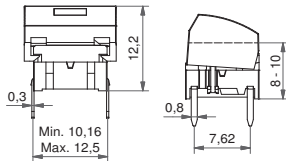
Dimensions (SMD w/LED) 1A



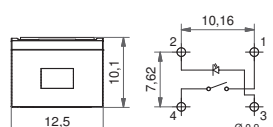
PCB layout



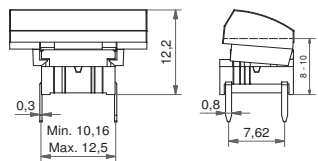
Dimensions (TH w/LED) 1H



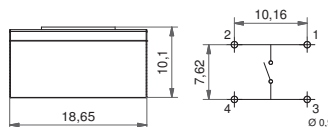
PCB layout



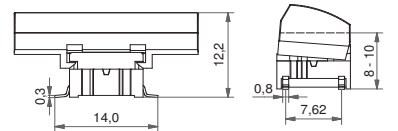
Dimensions (through-hole) 1ZA



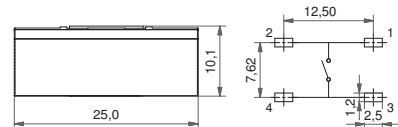
PCB layout



Dimensions (SMD) 1M



PCB layout



HOW TO ORDER illuminated

5 G

Switch

TH9

Mounting

TH9 through-hole
SH9 surface mount

20

Actuation force

35

65

Q**

01

LED

01 blue

22 green

42 yellow

61 white

82 red

2242 green/yellow

8222 red/green

8242 red/yellow

+

1H

Cap



1A



00

Colour code 1H

00 blue

02 green

03 grey

04 yellow

06 white

08 red

09 black

10 frosted blue

12 frosted green

14 frosted yellow

16 frosted white

18 frosted red

20 frosted yellow

22 frosted green

24 frosted blue

26 frosted white

28 frosted red

30 frosted yellow

32 frosted green

34 frosted blue

36 frosted white

38 frosted red

40 frosted yellow

42 frosted green

44 frosted blue

46 frosted white

48 frosted red

50 frosted yellow

52 frosted green

54 frosted blue

56 frosted white

58 frosted red

1H

Lens 1H

1 transparent

2 green

4 yellow

6 frosted white

8 red

HOW TO ORDER non-illuminated

5 G

Switch

TH9

Mounting

TH9 through-hole
SH9 surface mount

20

Actuation force

35

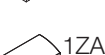
65

Q**

+

1A

Cap



00

Colour code

00 blue

02 green

03*grey

04 yellow

06*white

08 red

09*black

30*ultra blue

40*dusty blue

42*aqua blue

32 mint green

33 tele grey

34 melon

38 noble red

50*metal dark blue

53*metal light grey

57*metal dark grey

58 metal bordeaux

* Colours for 1ZA

**Quiet version is 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.

Ordering example: 5GSH93582 + 1H068 with illumination

5GTH965 + 1ZA57 without illumination

**5GTH92001Q with illumination or 5GSH920Q (quiet version)

Dimensions (mm) Unless otherwise specified, all tolerances +/- 0.2

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

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

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[3ATL620](#) [1H091](#) [1H032](#) [1H038](#) [1H086](#)