mec switches

1PS/1QS/1RS

The new caps for the Multimec switches 1PS / 1QS / 1RS is optimized with a “snap on” system to ensure the cap to stay on the switch actuator even under heavy vibrations or similar scenarios.

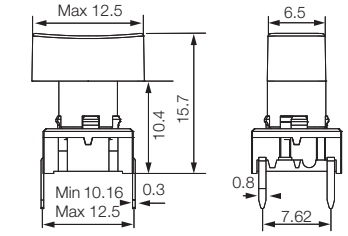
- The 1PS cap is a solid cap which can be supplied in different colours
- The 1QS cap is a solid cap like 1PS, but with a rectangular lens for intensive or smooth illumination
- The 1RS cap is a solid cap like 1PS, but with a round lens for intensive or smooth illumination

Distributor:

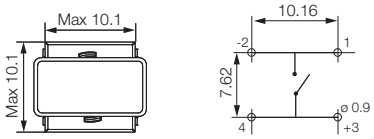
multimec® 5E/5G + 1PS/1QS/1RS

Technical Data
- through-hole or SMD
- 50mA/24VDC
- single pole/momentary
- 10.000.000 operations life time
- IP67 sealing
- temperature range:
  LED:-40/+85°C
  solid cap +65°C
  transparent +85°C
- actuation force: 2.0, 3.5, 6.5 N

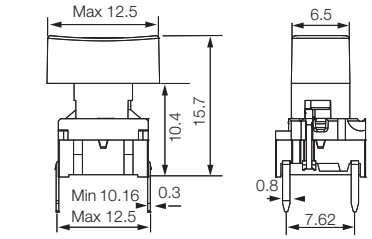
Dimensions (through-hole)

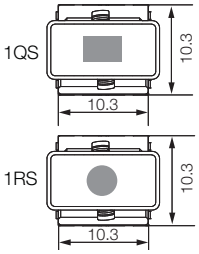


PCB layout

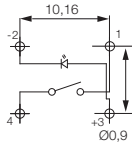


Dimensions (w/LED)

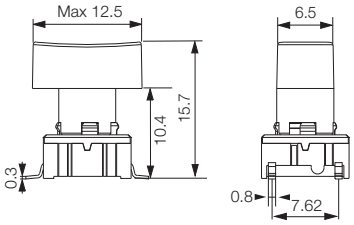




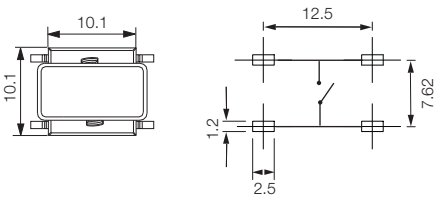
PCB layout



Dimensions (SMD)



PCB layout



HOW TO ORDER

Switch 5 G

Mounting
- **TH9** through -hole
- **SH9** surface mount

Actuation force
- **20**
- **35**
- **65**

LED
- **01** blue
- **22** green
- **42** yellow
- **61** white
- **82** red
- **2242** green/yellow
- **8222** red/green
- **8242** red/yellow

Cap

1QS with lens

1RS with lens

1PS

Colour code
- **00** blue
- **03** grey
- **08** red
- **09** black

11 transparent
16 frosted white

Lens
- **1** transparent
- **6** frosted white

Switch to be used: 5E or 5G

5 E
5 G

Mounting
- **TH9** through-hole
- **SH9** surface mount

Actuation force
- **20**
- **35**
- **65**

Cap

1PS solid colour

Colour code
- **00** blue
- **02** green
- **03** grey
- **04** yellow
- **06** white
- **08** red
- **09** black

Dimensions (mm) Unless otherwise specified, all tolerances ±0,2

Ordering example: 5ETH935+1PS08

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

mec a/s dec. 2009

mec Industriparken 23 · P.o. Box 26 · DK-2750 Ballerup · Denmark
Tel.: +45 44 97 33 66 · Fax: +45 44 68 15 14 · E-mail: danmec@mec.dk · www.mec.dk.