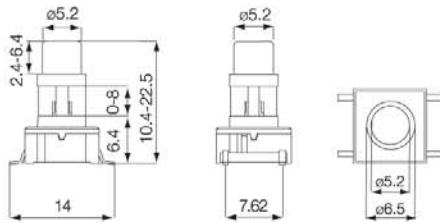


### Technical Data

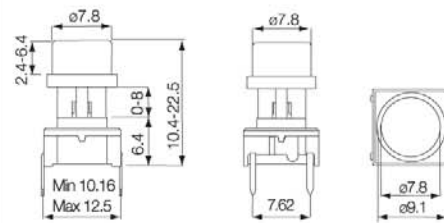
- through-hole or SMD
- 50mA/24VDC
- single pole/momentary
- 10.000.000 operations life time
- IP67 sealing
- temperature range switch:  
low temp: -40/+115°C  
high temp: -40/+160 °C
- temperature range cap:  
-40/+160 °C



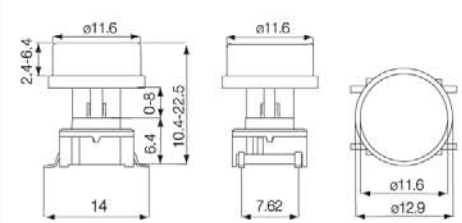
### Round ø5.2



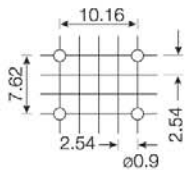
### Round ø7.8



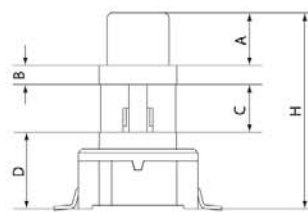
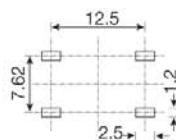
### Round ø11.6



### PCB Layout (through-hole)



### PCB Layout (SMD)



### The Concept

- H** = Overall heights from 10.4-22.5
  - A** = Variable height from 2.4 to 6.4  
**A** cannot exceed **H** - 8.0
  - B** = Fixed recess 1.6
  - D** = Fixed switch 6.4
  - C** = Variable from 0-8.1  
**C** = **H**-**A**-**B**-**D**
- All measurements in mm

### How to order



Switch

**3ETL**  
**3ESH**  
**3ETH**



Shape and Size

**A** 5.2 Round  
**E** 7.8 Round  
**K** 11.6 Round



Colour Codes

**60** blue  
**63** grey  
**64** yellow  
**68** red  
**69** black



Overall Height

**H**  
**A** 10.4  
**B** 11.0  
**C** 12.0  
**D** 12.5  
**E** 13.0  
**F** 14.0  
**G** 15.0  
**H** 16.0  
**J** 19.0  
**K** 22.5



Height above recess

**A**  
**A** 2.4  
**B** 3.0  
**C** 3.5  
**D** 4.0  
**E** 4.5  
**F** 5.0  
**G** 5.6  
**H** 6.4



Tape\*

**R**

### Cap alone:

Instead of part no. for switch please use 3E- and then same as above

### Examples Switch and Cap:

3ETLE64CC = Switch 3ETL, 7.8 Round Cap, Yellow, Overall Height 12.0, Height above recess 3.5, (Height under recess 0.5).

### Example Cap Alone:

3E-E63FF = Cap, 7.8 Round, Grey, Overall Height with switch 14.0, Height above recess 5.0, (Height under recess 1.0).

Min. order is 2.000 pcs. per shape, size and heights for parts mentioned above.

For heights not mentioned in the list a start-up fee will apply.

\*Only overall height up to 12.5mm can be supplied on tape.