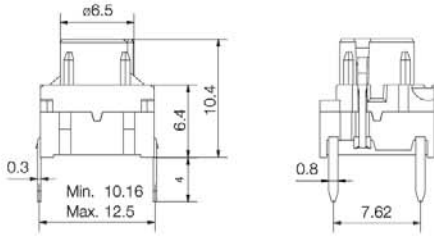


Technical Data

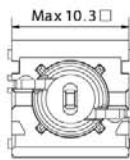
- through-hole or SMD
- 50mA/24VDC
- single pole/momentary
- 10.000.000 operations life time
- IP67 sealing
- temperature range:
high temp. switch; -40/+160°C
LED: -30/+85°C



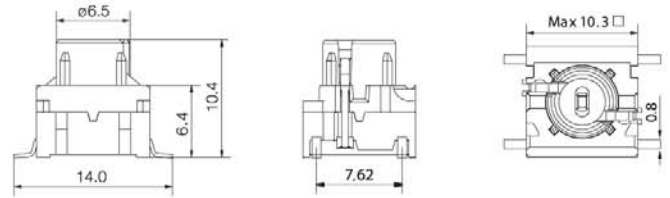
Dimensions (through-hole)



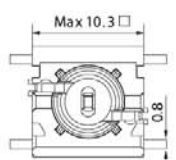
Top View



Dimensions (SMD)

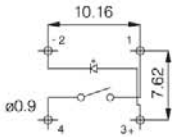


Top View

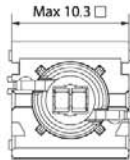
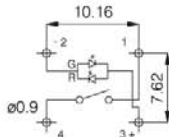


PCB layout and Circuit Diagram

1 LED

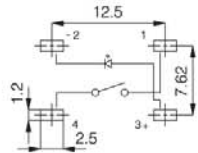


2 LEDS

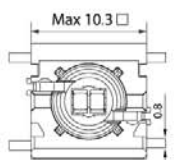
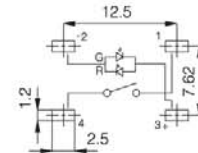


PCB layout and Circuit Diagram

1 LED



2 LEDS



Technical specifications for 4F switch and LEDs see pages 35 and 36

How to order

4 F	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	+	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Switch	Mounting	LED	Illuminated Cap				
	SH9 surface mount	01					
	TH9 through-hole	22					
		42					
		61					
		82					
		2242					
		8222					
		8242					

- 1D
- 1K,1KB,1KC
- 1N
- 1S
- 1T
- 1U
- 1V
- 1WA,1WD,1WP
- 1X

Colour code

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11,16	Cap	Solid Colour	Illuminated Lens
11,16			
10,12,14,16,18		1E Solid Colour + lens 1,2,4,6,8	
11		1F Solid Colour + lens 1,2,4,6,8	
16		1Q Solid Colour + lens 1,6	
16		1R Solid Colour + lens 1,6	
16			
16			
11			

Colour codes

LEDs	Illuminated Caps
01 blue	10 frosted blue
22 green	11 transparent
42 yellow	12 frosted green
61 white	14 frosted yellow
82 red	16 frosted white
2242 green/yellow	18 frosted red
8222 red/green	
8242 red/yellow	

Solid Colours

1E,1F	1Q,1R
00 blue	00 blue
02 green	03 grey
03 grey	08 red
04 yellow	09 black
06 white	
08 red	
09 black	

Dimensions

Caps	See Page
1D,1E,1F	15
1K,1KB,1KC	16
1N	14
1Q,1R	18
1S	21
1T,1U,1V	19
1WA,1WD,1WP	17
1X	20

Ordering example: 4FSH98242 + 1D11 or 4FTH922 + 1T16