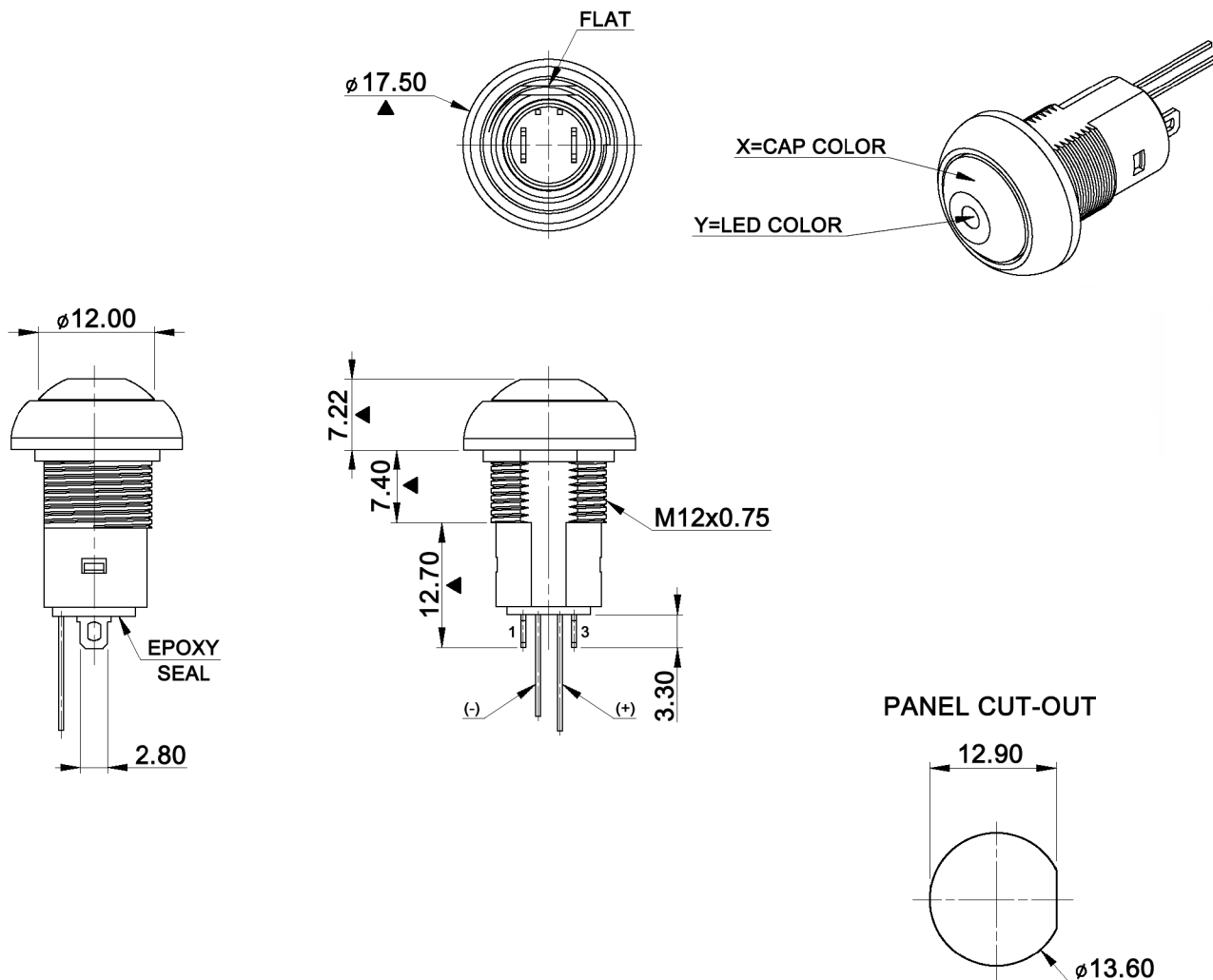
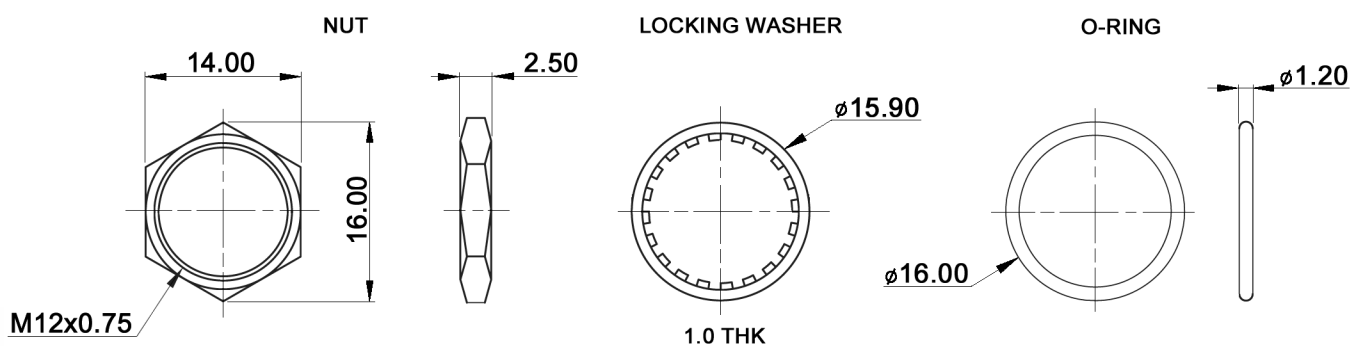




HARDWARE:



Compliance: RohS III (2015/863/EU)

Tolerances: 0.00: ±0.25mm 0.0: ±0.40mm			Date	Name	DPWL 1 AG-xy	
			03/09	dr		
Accessory	10/19	dr				
LED	05/17	dr				
Revised	01/14	dr			30 17 60	
Rating, electrical life	02/13	dr				
LED color table	06/10	dr				
LED color table	11/09	dr				
Modifications	Date	Name				Page 1/2

knitter-switch

Specifications:

Contact rating:	max. 100mA, 24V DC - endurance 200 000 cycles max. 2A, 125V AC - endurance 10 000 cycles
Contact resistance:	100mOhm max.
Insulation resistance:	1GOhm min. at 500V DC
Dielectric strength:	1 000V AC RMS
Electrical life:	200 000 cycles at full load
Operating force:	4.5 - 6.5N
Torque:	0.5Nm max. applied to nut
Soldering conditions:	350°C max., 5sec.
Panel thickness:	min.: 1.5mm; max.: 4.0mm
Total travel:	2.5mm
Switching function:	off - on
Contact bounce:	10ms
Material:	Case / cap / bushing: polyamide 6/6 Terminal / contact: gold over silver plated
IP rating:	IP 67 (mounted)

X=CAP COLOR	
W	white
K	black
R	red
O	orange
Y	yellow
G	green
B	blue

Lens appearance	Colour	Electro-optical data (at 20mA)				Peak wavelength	Viewing angle
		Vf (V)		Iv (mcd)			
		Typ.	max.	Typ.	min.		
Water clear	super white	2.8	3.3	200.0	100.0	x=0.27 y=0.27	35°
	super red	2.0	2.5	700.0	200.0	645.0	
	yellow	2.1	2.6	100.0	55.0	589.0	
	green	2.2	2.7	130.0	70.0	565.0	
	super blue	3.1	3.6	580.0	250.0	460.0	
	super yellow	2.0	2.6	475.0	210.0	590.0	
	super green	2.0	2.6	210.0	140.0	570.0	
	super yellow	2.1	2.6	200.0	94.0	590.0	
	super blue	3.2	3.6	200.0	94.0	460.0	
	super yellow	2.1	2.6	100.0	63.0	590.0	
	super red	2.0	2.6	90.0	42.0	630.0	
	super red	2.0	2.6	90.0	42.0	630.0	
	super green	2.0	2.6	90.0	42.0	570.0	
	super red	2.0	2.6	90.0	42.0	630.0	
	super blue	3.2	3.6	200.0	94.0	460.0	
	super green	2.0	2.6	100.0	42.0	570.0	
	super blue	3.2	3.6	200.0	94.0	460.0	

Y=LED COLOR	
W	white
R	red
Y	yellow
G	green
B	blue

Bi-color: ordering code on request

Compliance: RohS III (2015/863/EU)

Tolerances: 0.00: ±0.25mm 0.0: ±0.40mm			Date	Name	DPWL 1 AG-xy		
			03/09	dr			
Accessory	10/19	dr					
LED	05/17	dr					
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Rating, electrical life	02/13	dr	knitter-switch		30 17 60		Page
LED color table	06/10	dr					
LED color table	11/09	dr					2/2
Modifications	Date	Name					