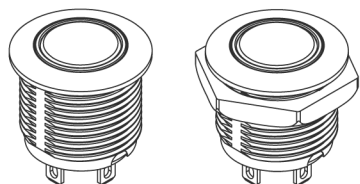
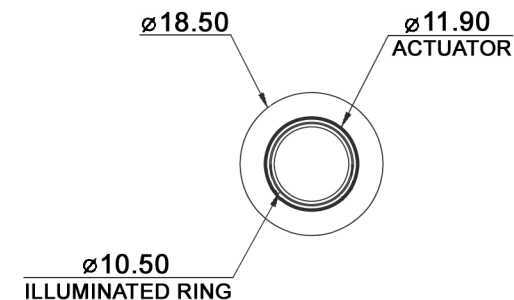
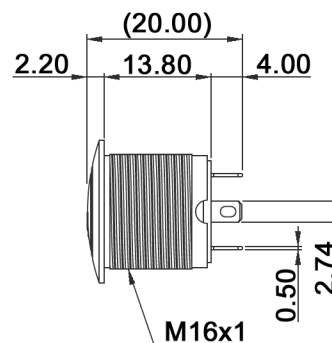
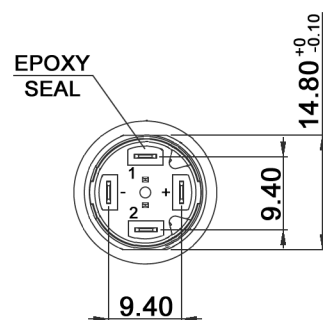


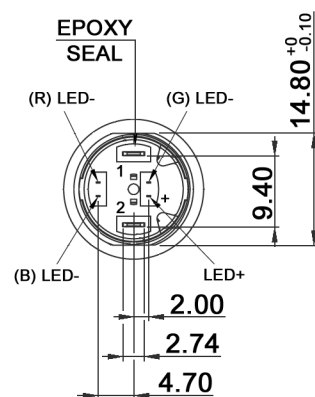
ASSEMBLED VIEW



All models excepted RGB



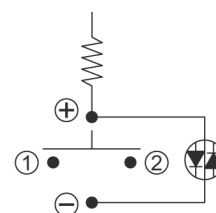
RGB models



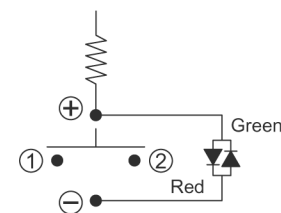
WITHOUT LED



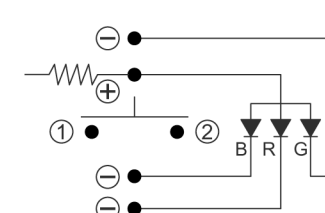
SINGLE COLOR LED



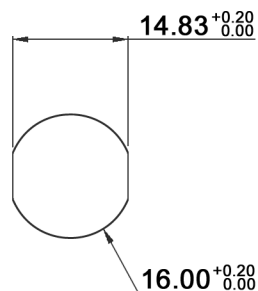
DUAL COLOR LED



RGB COLOR LED



PANEL CUT-OUT



THICKNESS 8.0mm max.

Compliance: RohS II (2011/65/EU)

Tolerances: 0.00: $\pm 0.25\text{mm}$ 0.0: $\pm 0.40\text{mm}$			Date	Name	MAV16CxRE-y-JR-zV	
			09/15	dr		
					knitter-switch	
RGB	09/17	dr				
LED limitation	06/17	dr	30 34 19			Page
Revised	11/16	dr				1/2
Base color	07/16	dr				
Modifications	Date	Name				

Specifications:

Contact rating: 2A, 36V DC
 Contact resistance: 50mOhm max.
 Insulation resistance: 1000MOhm min. at 500V DC
 Dielectric strength: 2000V AC (50/60Hz) for 1 minute
 Operating temperature: -20°C to +70°C
 Mechanical life: 1 000 000 cycles
 Electrical life: 200 000 make-and-break cycles at full load
 Operating force: 4.5 +/-1.5N
 Torque: 11.5kgf.cm
 Soldering conditions: iron soldering: 290°C, 3sec., 60W
 Full travel: 2.0 +/-0.20mm
 IP rating: IP67
 Material:

Base: PBT (UL-94V0), white
 Actuator: PC (UL94V2), translucent
 Spring: steel
 Sealing / O-ring: silicone, translucent
 Nut: brass, nickel plated
 Terminal: brass, gold plated
 Contact: silver alloy
 Bushing: aluminum alloy
 LED data:

I_F: 20mA max.
 U_F: white, 3.7V max.
 red, 2.5V max.
 yellow, 2.5V max.
 blue, 3.7V max.
 green, 3.7V max.

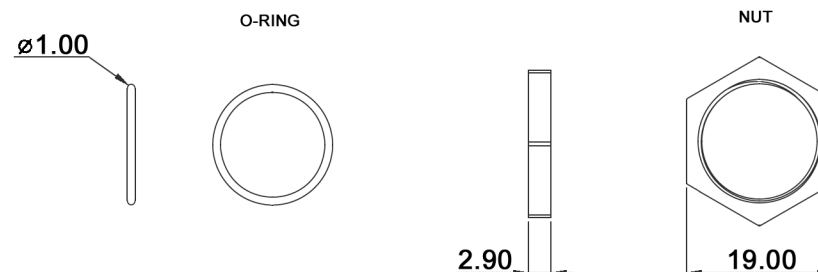
x	Bushing and button material
A	aluminum alloy (natural anodized)
B	aluminum alloy (black anodized)

y	LED color
0	without LED
1	white
3	red
5	yellow
6	green
7	blue
A	red/green
RGB	red/green/blue

z	LED voltage
0	without resistor
3	3V DC, 20mA (red and yellow LED only)
6	6V DC, 20mA
12	12V DC, 20mA
24	24V DC, 20mA

(RGB only with option "0")

HARDWARE:



Compliance: RohS II (2011/65/EU)

Tolerances: 0.00: ±0.25mm 0.0: ±0.40mm			Date 09/15	Name dr	MAV16CxRE-y-JR-zV		
					knitter-switch		Page
							2/2
Modifications	Date	Name			30 34 19		