CS Series Anti-vandal Switch



Applications / Markets


White Goods


Security Devices


Commercial Appliances


Kiosks


Electrical Housewares


Medical Equipment

RoHS

Specifications

Contact Arrangement: SPST
Contact Rating: 1A @ 5-24VDC
Contact Resistance: 1Ω Max.
Electrical Life: 50,000,000 Cycles
Operating Temperature: -20°C to 65°C
Storage Temperature: -25°C to 65°C
Panel Thickness: 10mm Max.
Mounting Nut Torque: 3.0Nm

Features & Benefits

- **19mm or 22mm panel cutouts**
- **Latching or Momentary Function options**
- **Ring or Ring/Power Symbol lens options**
- **Red, Green, or Blue color options**
- **Capacitive switching technology (Touch Sensor)**

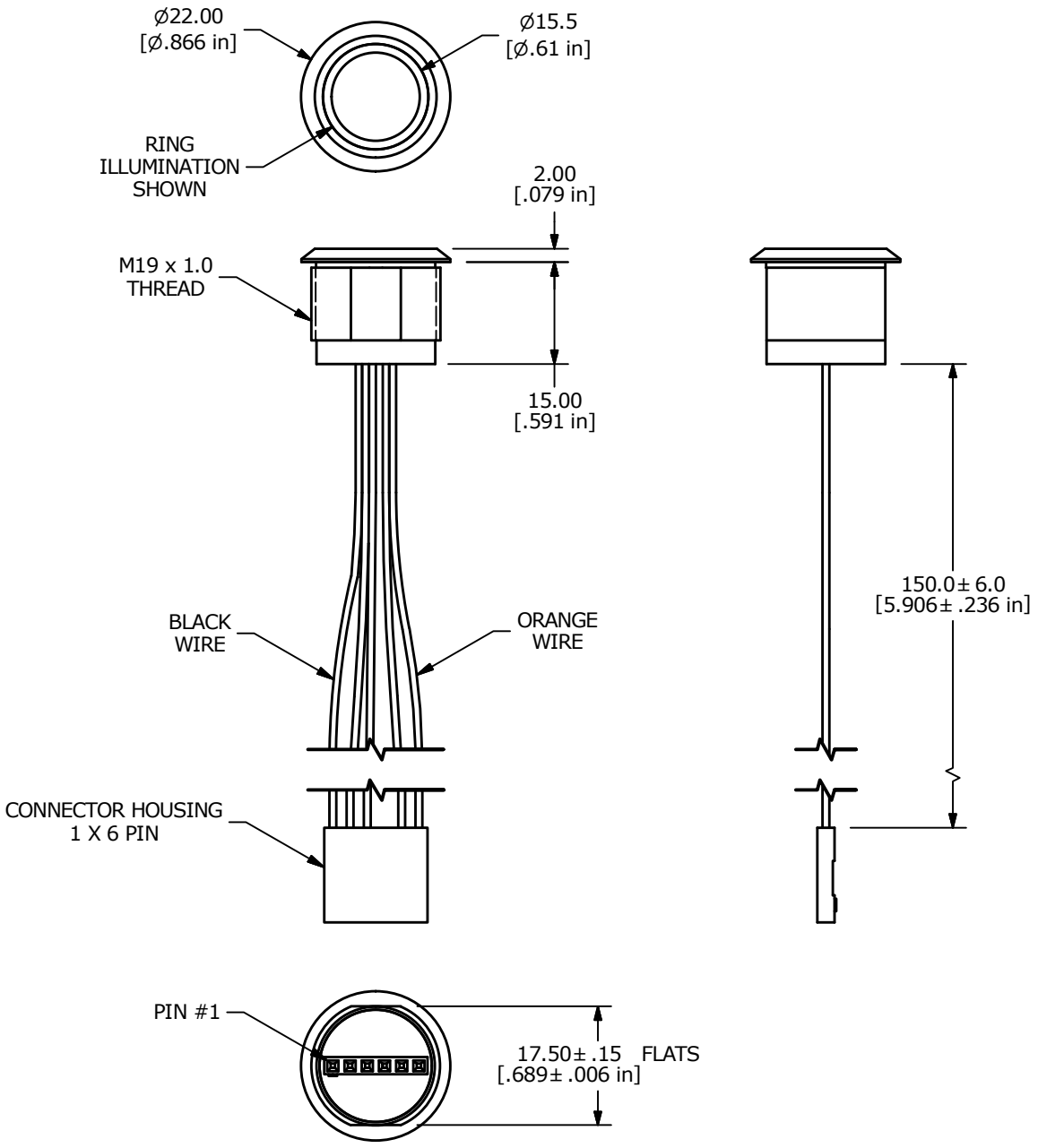
Part Number Configurator

Series	Size Option	Function	Material Finish	Button Style	Lens Style
CS	**4** - 19mm **7** - 22mm	**L** - Latching **M** - Momentary	**2** - Aluminum, Clear Anodized	**F** - Flat	**R** - Ring Illumination **P** - Power Symbol and Ring Illuminated

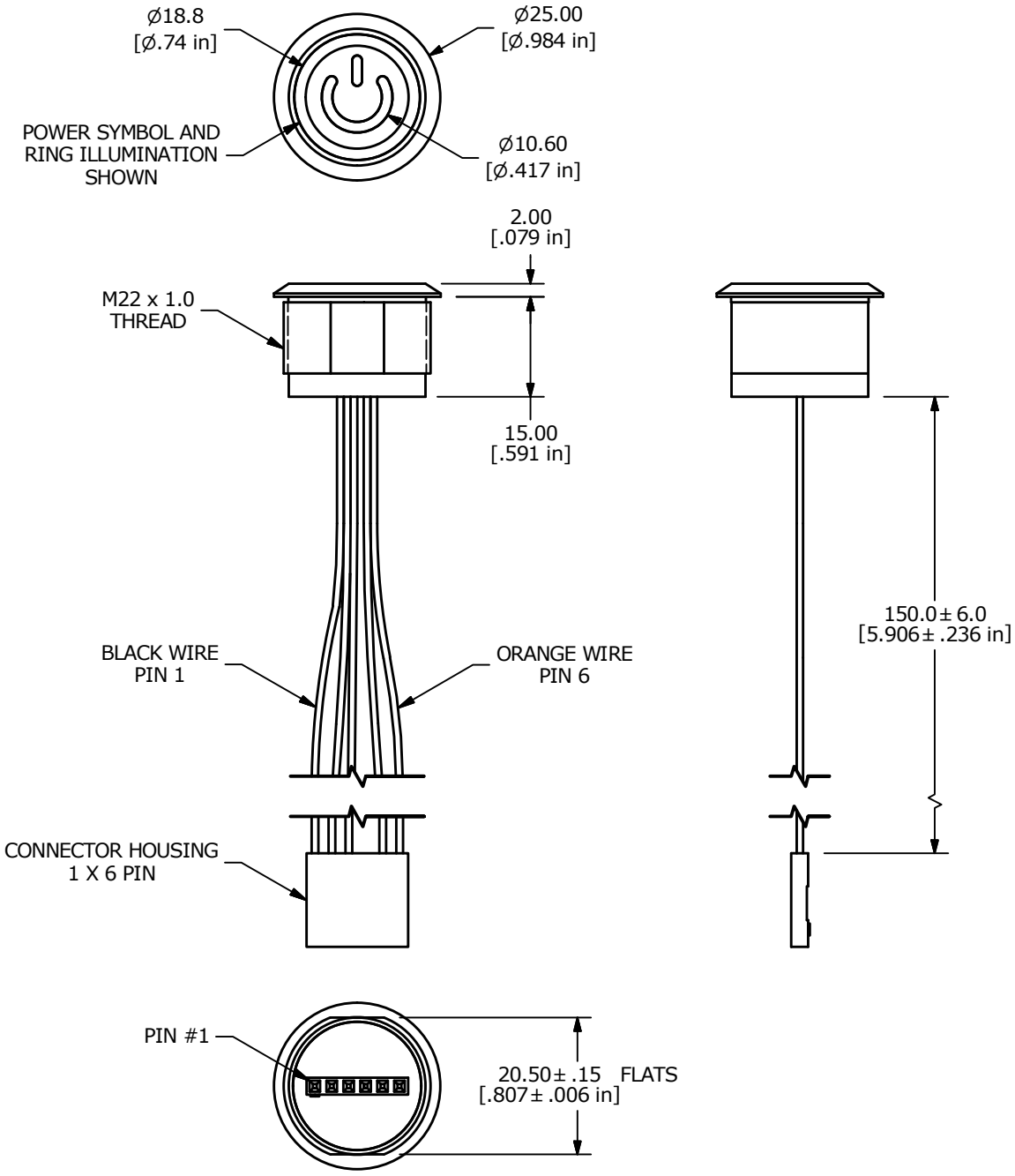
NOTES:
*(ON) Denotes function is momentary

Specifications subject to change without notice 2.11.2021

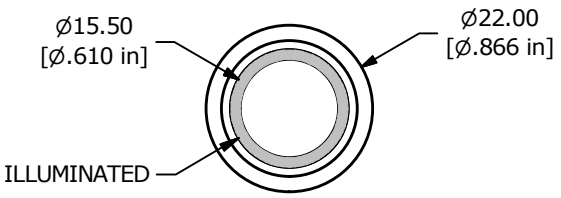
Body Dimensions
19mm



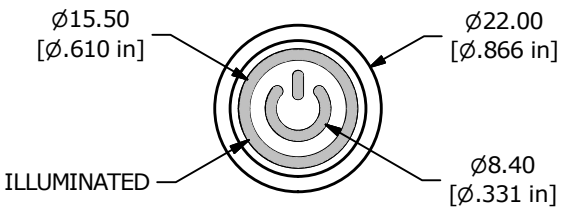
Body Dimensions
22mm



Illumination Styles

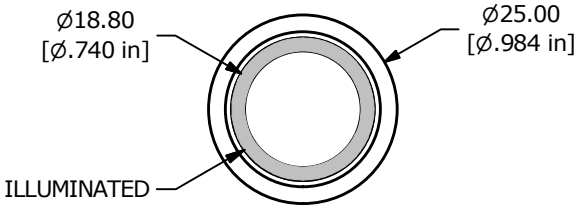


R - Ring Illumination

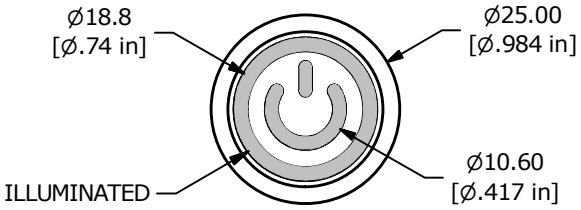


P - Power Symbol &
Ring Illumination

19mm



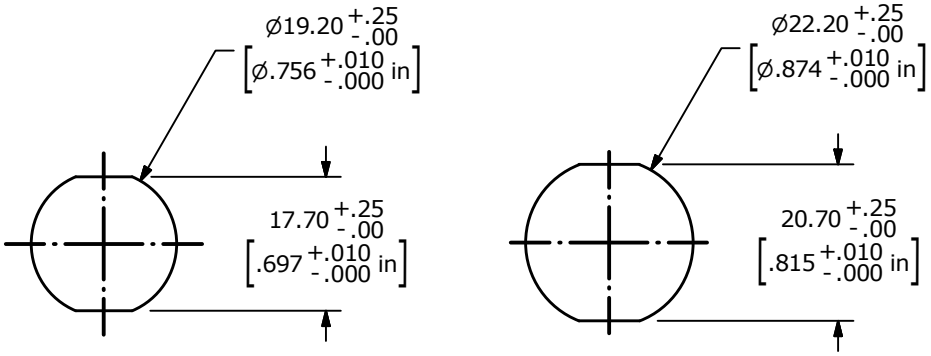
R - Ring Illumination



P - Power Symbol &
Ring Illumination

22mm

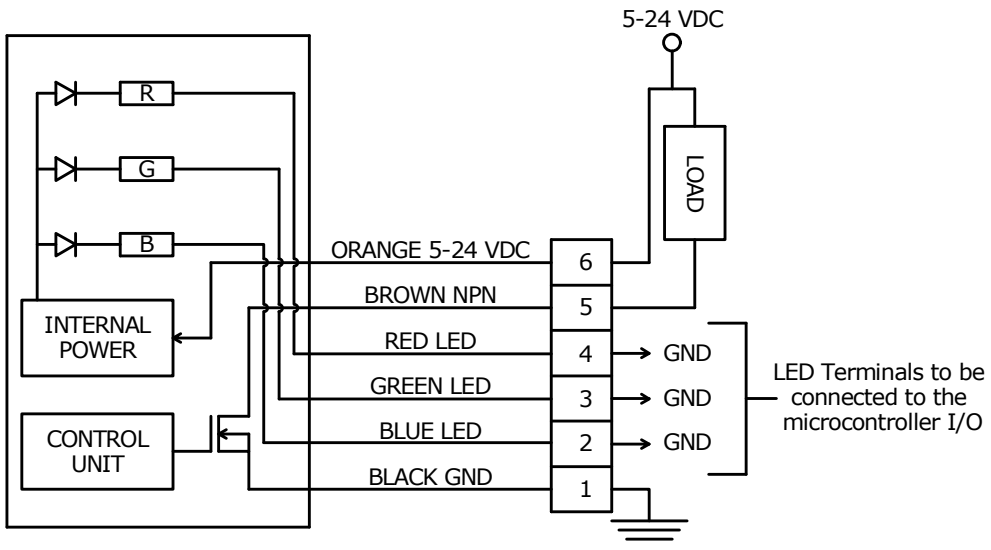
Panel Cutout & Schematic



19mm - Cutout

22mm - Cutout

Recommended Panel Cutout



SPST - Off-On

Schematic

LED Notes

- Pins 2, 3 or 4 may be connected to a micro controller I/O or TTL/CMOS I/O.
- Individual LEDs are turned ON by grounding connector pins 2, 3 or 4.
  - Grounding pin 2 turns the Blue LED ON
  - Grounding pin 3 turns the Green LED ON
  - Grounding pin 4 turns the Red LED ON
- Individual LEDs may be turned ON/OFF by connecting pins 2, 3 or 4 to pin 5, but supply voltage must not be greater than 12.0 VDC. There is risk of damaging the switch, if the supply voltage is greater than 12.0 VDC.

  For example: If pin 2 is connected to pin 5, then the Blue LED will come ON, if the load is turned ON. Blue LED will turn OFF, if the load is turned OFF.
- Multiple LEDs should not be turned ON at the same time, if the supply voltage is greater than 12.0 VDC. Turning ON multiple LEDs with supply greater than 12VDC may damage switch.