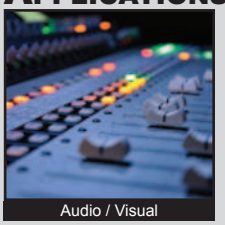
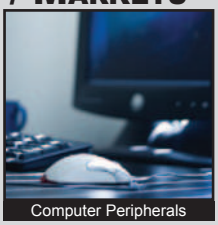
TL6215 Series Tact Switch



Applications / Markets


Audio / Visual


Computer Peripherals


Consumer Electronics


Instrumentation


Telecommunication


Medical Equipment

RoHS

Specifications

Electrical Rating: 50mA @ 12VDC
Electrical Life: 500,000 Cycles
Mechanical Life: 500,000 Cycles
Contact Resistance: 100mΩ Max.
Insulation Resistance: 100M Ω Min. at 500VDC
Dielectric Strength: 250VAC for 1 min.
Operating Temperature: -20°C to 70°C
Storage Temperature: -20°C to 70°C
Operating Force: 200 gf; 450 gf
Travel: 0.45mm
Dust/Moisture Protection: IP67
Contact Arrangement: SPST

Features & Benefits

- **Illumination options**
- **Right angle or vertical thru hole mount**
- **IP67 ratings**
- **Multiple cap options**

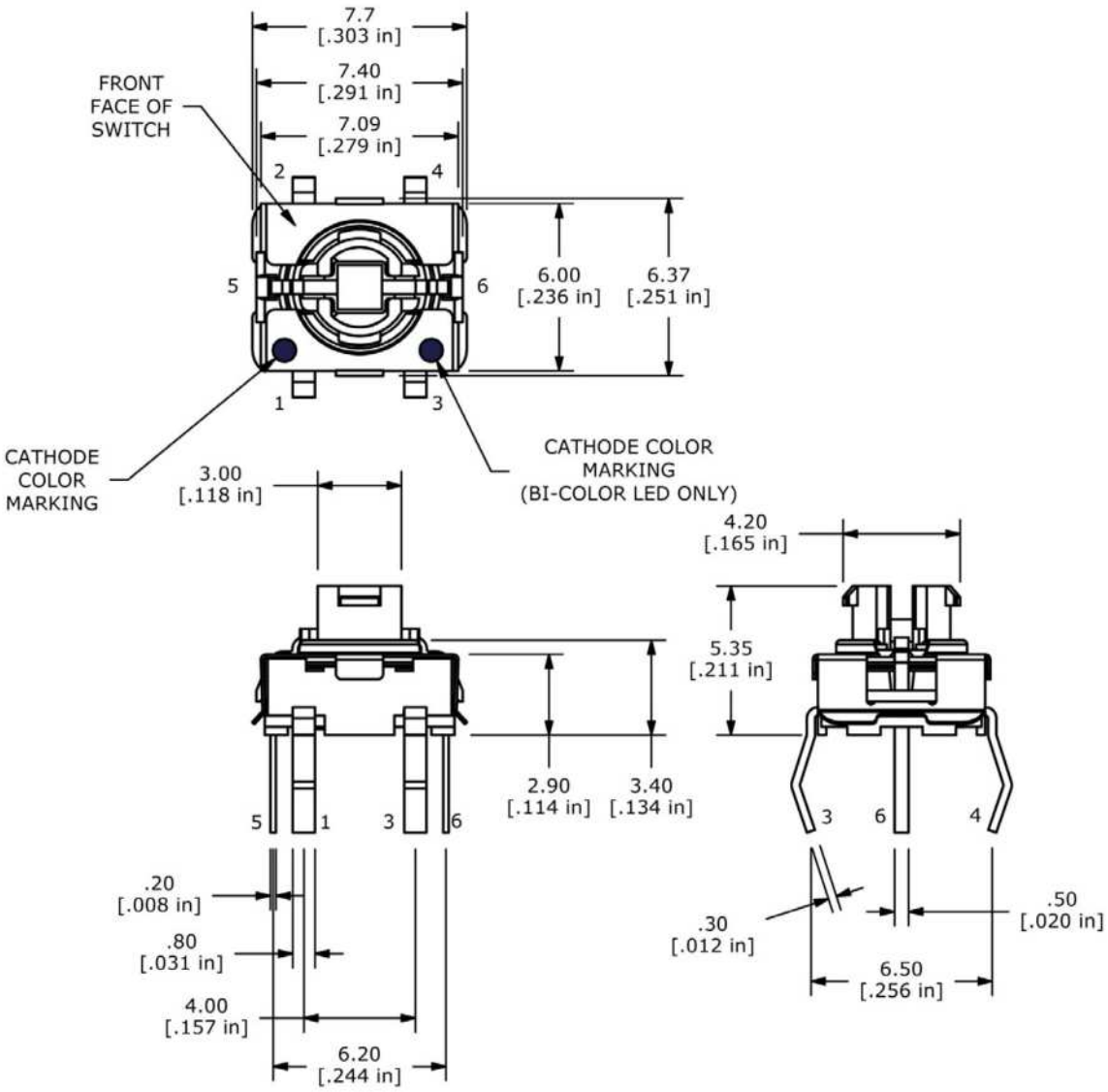
Part Number Configurator

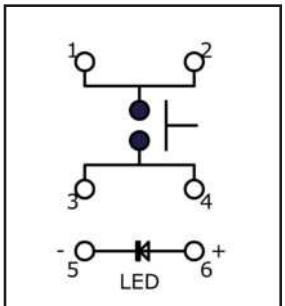
Series	Model	Termination Type	Actuation Force	LED Color	Cap Option*	Cap Color**
TL	6215	**V -** Vertical Thru Hole **R -** Right Angle Thru Hole*	**F200** - 200 gf **F450** - 450 gf	**N - None** **R** - Red **G** - Green B - Blue **Y** - Yellow W - White	**N** - No Cap **B** - B Style Cap **D** - D Style Cap* **E** - E Style Cap **G** - G Style Cap	**N** - No Cap **T** - Transparent **K** - Black** **S** - Silver**

* Right Angle option with cap is only available with "D" Cap
** K and S cap colors are opaque unless a laser etch graphic is created on the top surface

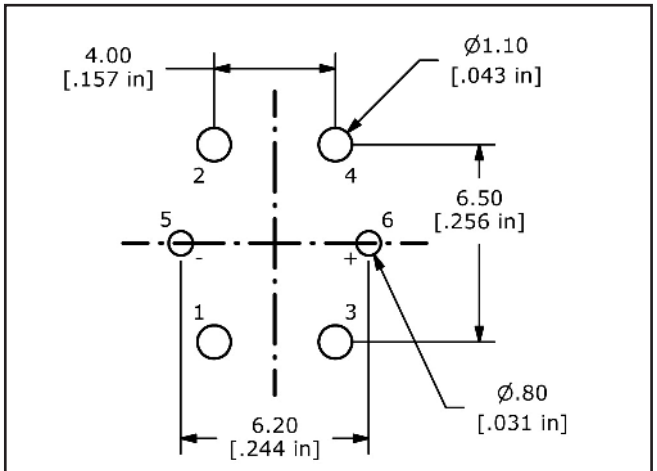
Specifications subject to change without notice

Body Dimensions
Vertical



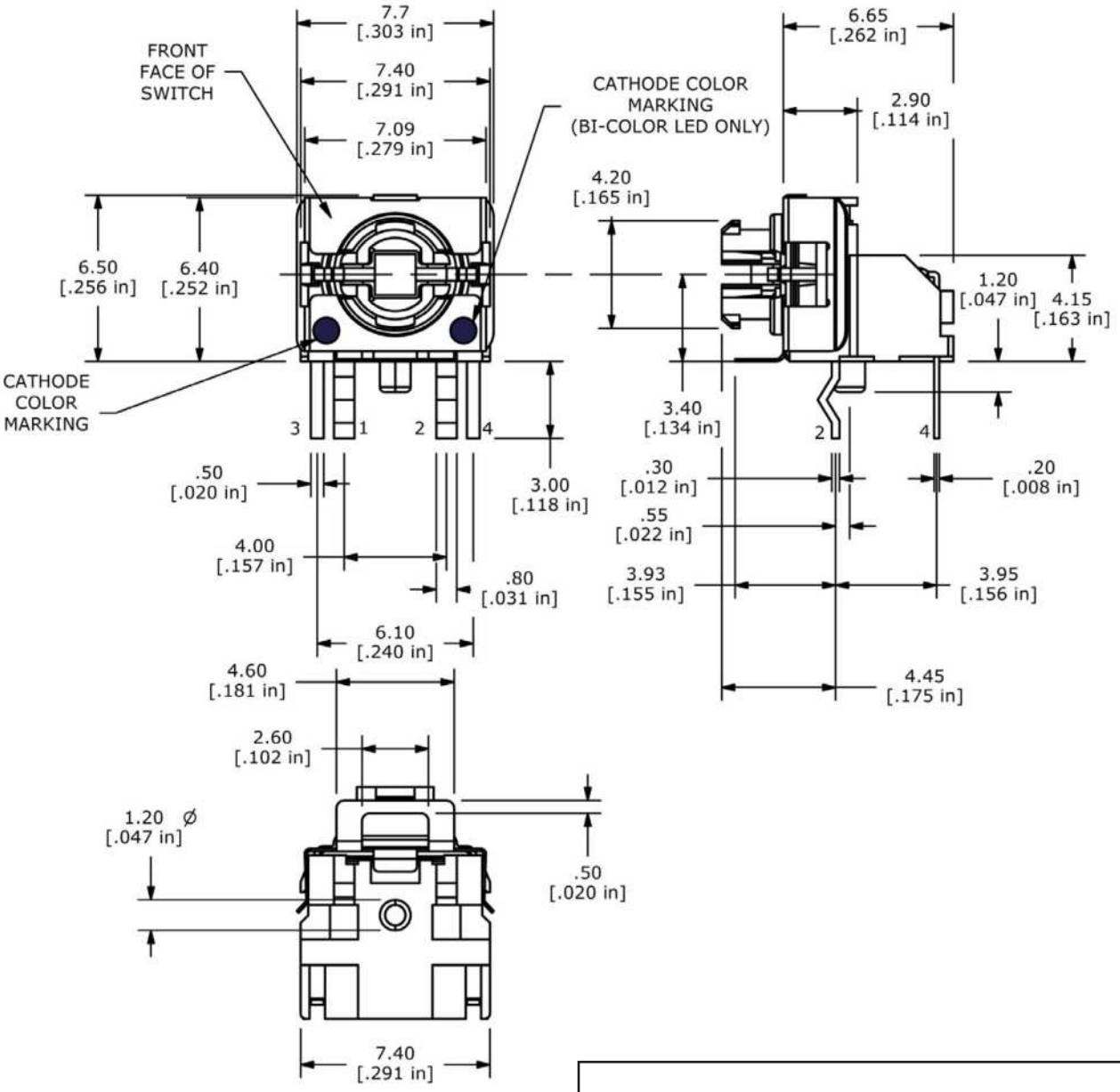


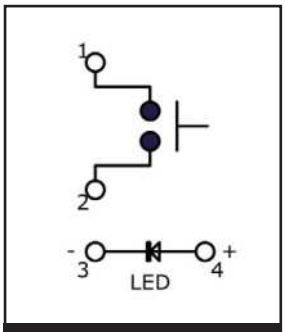
Schematic



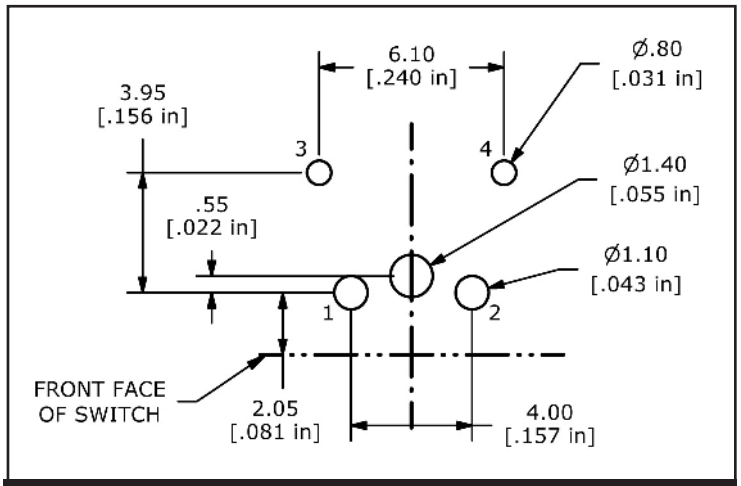
PCB Layout

Body Dimensions
Right Angle



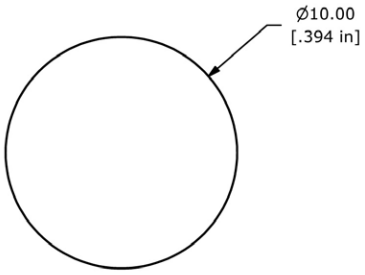


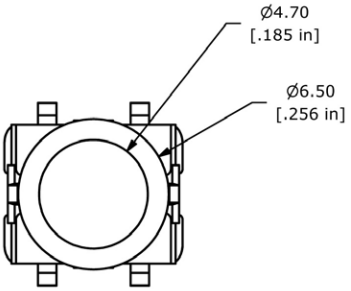
Schematic

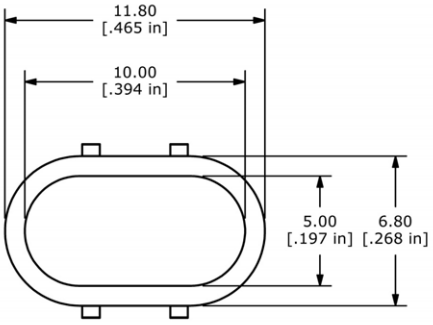


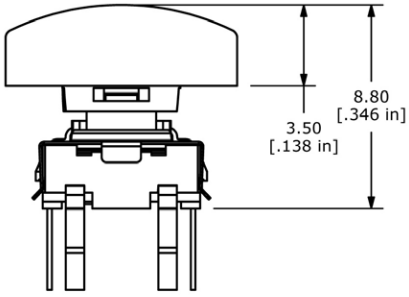
PCB Layout

Cap Options

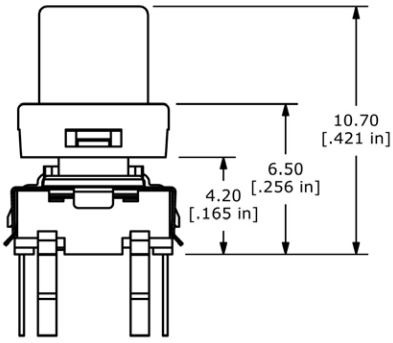




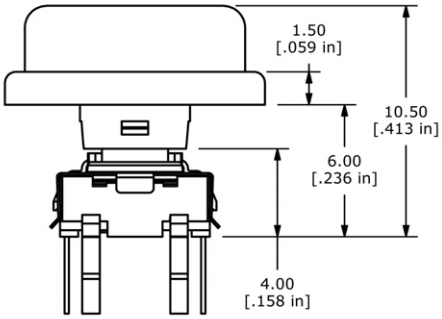




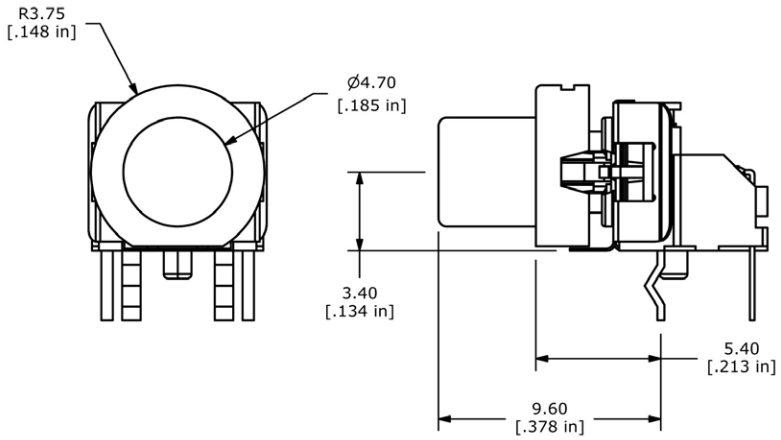
B Cap Option



E Cap Option



G Cap Option



D Cap Option

LED CHART			
COLOR	FORWARD CURRENT	FORWARD VOLTAGE	ILLUMINOUS INTENSITY
BLUE	20mA	3.3 V TYP	80mcd TYP
GREEN	20mA	2.1 V TYP	50mcd TYP
RED	20mA	1.95 V TYP	220mcd TYP
YELLOW	20mA	2.0 V TYP	180mcd TYP
WHITE	20mA	3.0V TYP	450mcd TYP