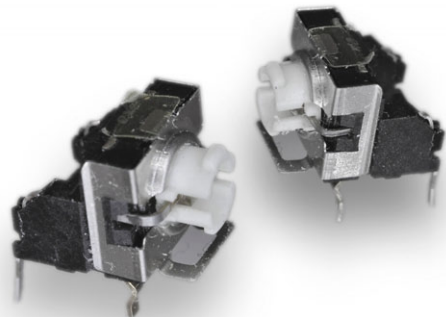
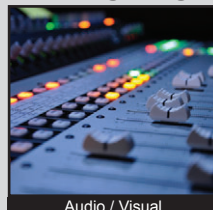


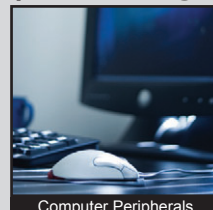
TL6215 SERIES TACT SWITCH



APPLICATIONS / MARKETS



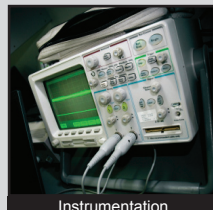
Audio / Visual



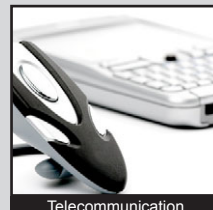
Computer Peripherals



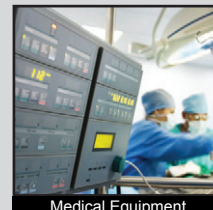
Consumer Electronics



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



E-SWITCH®

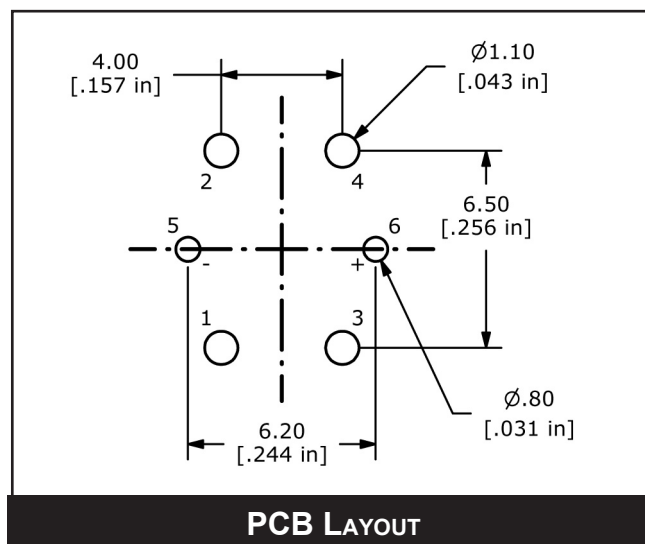
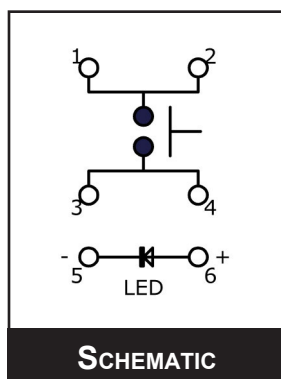
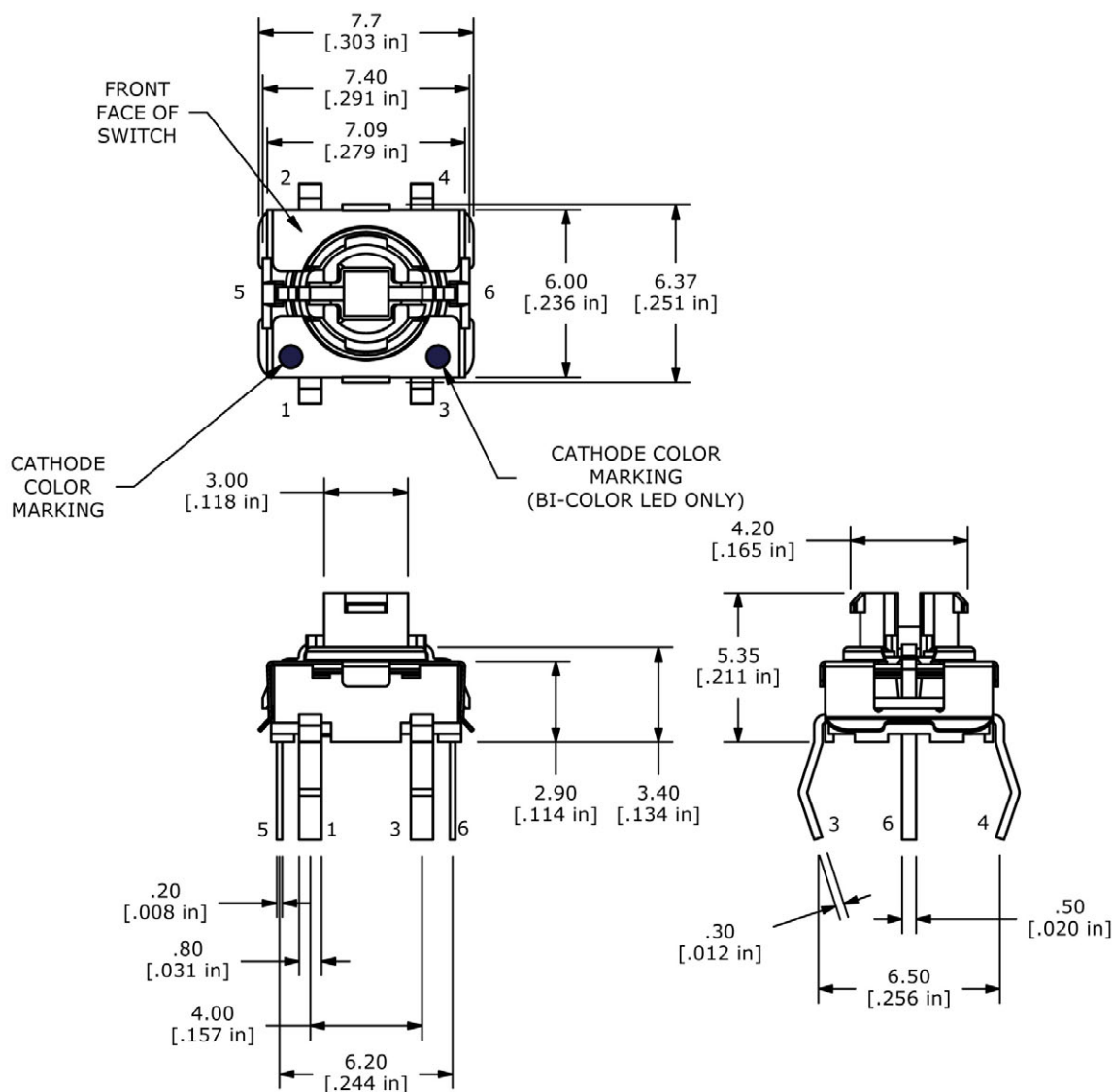
www.e-switch.com

800.867.2717

2

TL6215 SERIES TACT SWITCH

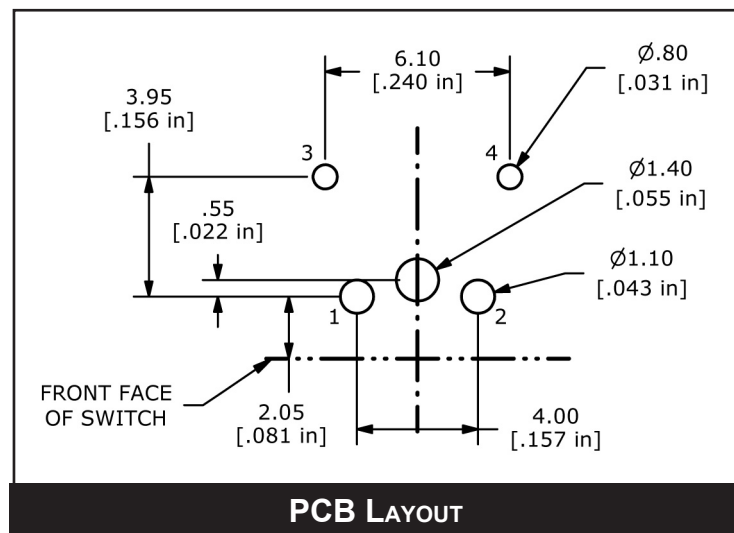
BODY DIMENSIONS VERTICAL



CAP OPTIONS	TOGGLE SWITCHES	TACTILE SWITCHES	SLIDE SWITCHES	ROTARY SWITCHES	ROCKER SWITCHES	PUSHBUTTON SWITCHES	NAVIGATION SWITCHES	KEYLOCK SWITCHES	DIP SWITCHES	DETECTOR SWITCHES	ANTI-VANDAL SWITCHES
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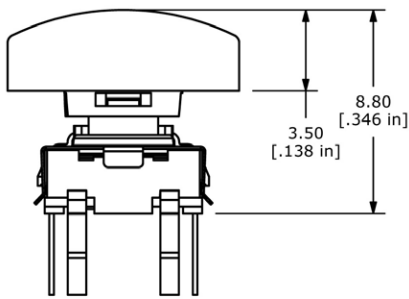
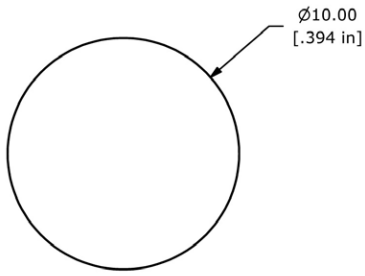
The drawing illustrates the mechanical specifications of the 16-pin DIP package across three views:

- Top View:** Shows the package footprint with a total width of 7.70 [303 in] and a total length of 6.50 [256 in]. The pin pitch is 0.50 [020 in]. Pin 1 is located at the top-left corner. The distance from the front face of the switch to the center of the package is 6.40 [252 in]. The distance from the cathode color marking to the center is 7.40 [291 in]. The distance from the front face of the switch to the cathode color marking is 7.09 [279 in]. The distance from the cathode color marking to the center of the package is 7.40 [291 in]. The distance from the center of the package to the cathode color marking is 7.40 [291 in]. The distance from the center of the package to the cathode color marking is 7.40 [291 in].
- Side View:** Shows the package height and pin dimensions. The total height is 4.20 [165 in]. The distance from the top of the package to the top of the pins is 3.40 [134 in]. The distance from the top of the pins to the bottom of the pins is 0.30 [012 in]. The distance from the bottom of the pins to the bottom of the package is 0.55 [022 in]. The distance from the bottom of the package to the bottom of the pins is 0.20 [008 in]. The distance from the bottom of the pins to the bottom of the package is 0.20 [008 in]. The distance from the bottom of the package to the bottom of the pins is 0.20 [008 in].
- Bottom View:** Shows the package from the underside. The total width is 7.40 [291 in]. The distance from the center of the package to the cathode color marking is 7.40 [291 in]. The distance from the center of the package to the cathode color marking is 7.40 [291 in]. The distance from the center of the package to the cathode color marking is 7.40 [291 in].

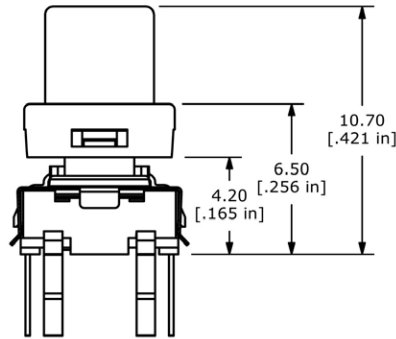
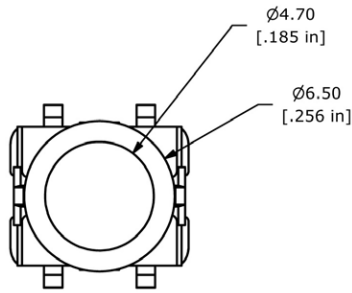


TL6215 SERIES TACT SWITCH

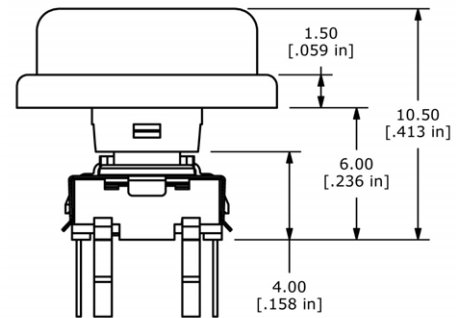
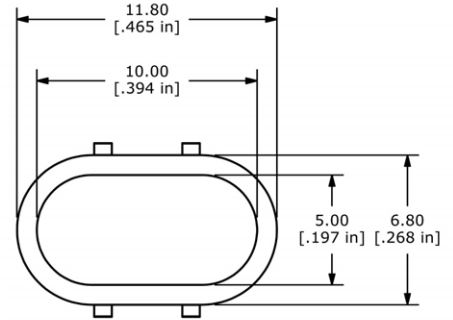
CAP OPTIONS



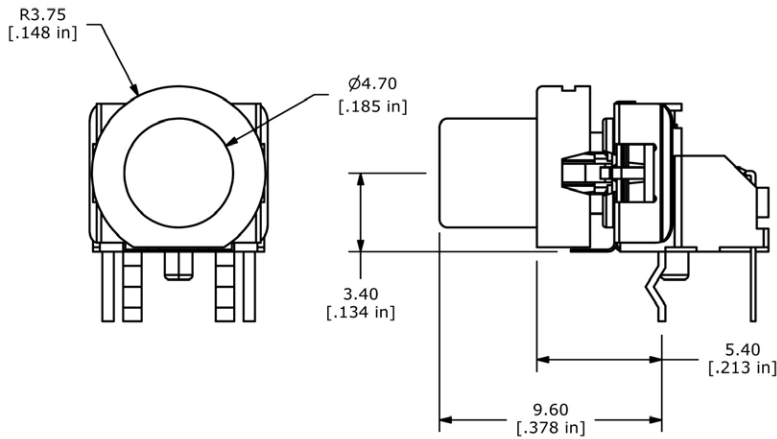
B Cap Option



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



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Вы можете приобрести в компании MosChip.

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<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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