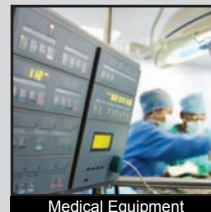
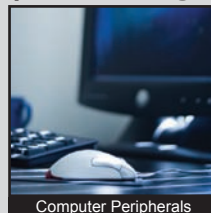


# TL3210 SERIES TACT SWITCH

ANTI-VANDAL SWITCHES  
 DETECTOR SWITCHES  
 DIP SWITCHES  
 KEYLOCK SWITCHES  
 NAVIGATION SWITCHES  
 PUSHBUTTON SWITCHES  
 ROCKER SWITCHES  
 ROTARY SWITCHES  
 SLIDE SWITCHES  
 SNAP ACTION SWITCHES  
**TACTILE SWITCHES**  
 TOGGLE SWITCHES  
 CAP OPTIONS



## APPLICATIONS / MARKETS



**RoHS**

## SPECIFICATIONS

**Electrical Rating:** 50mA @ 12VDC  
**Life Expectancy:** 100,000 Cycles  
**Contact Resistance:** 500mΩ Max.  
**Insulation Resistance:** 100 MΩ Min. at 100VDC  
**Dielectric Strength:** 250VAC for 1 min.  
**Operating Temperature:** -20°C to 70°C  
**Storage Temperature:** -30°C to 80°C  
**Operating Force:** 160 gf +/- 50 gf  
**Travel:** 0.2mm +/- 0.1mm  
**Contact Arrangement:** SPST, Normally Open

## FEATURES & BENEFITS

- Illumination options
- Tape & Reel packaging: 2000 pieces per reel
- Miniature size: 5.6mm x 3.5mm
- Surface Mount Design

## PART NUMBER CONFIGURATOR

Series	Model	Actuator	Force	LED	Contact Material
TL	3210	A	F160	B - Blue G - Green R - Red Y - Yellow W - White X - Red/Green Bi-color Z - Green/Yellow Bi-color	Q - Silver

*Specifications subject to change without notice*



**E-SWITCH®**

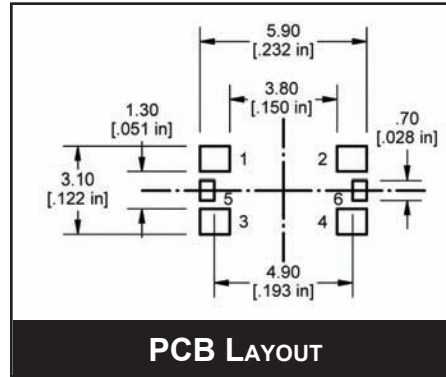
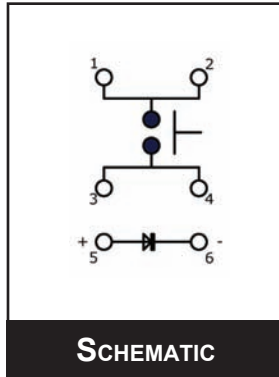
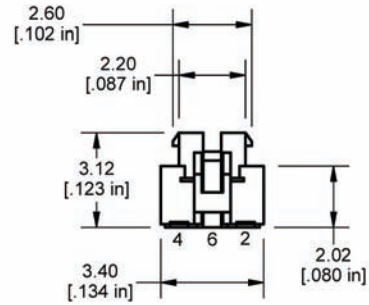
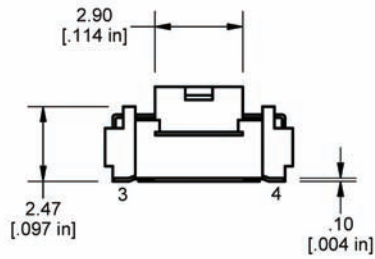
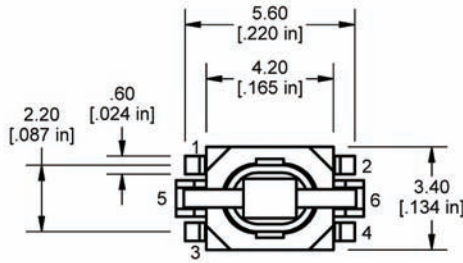
www.e-switch.com

800.867.2717

2

# TL3210 SERIES TACT SWITCH

## BODY DIMENSIONS



LED Specifications			
	Forward Current (mA)	Forward Voltage V @ 20mA	Luminous Intensity (mcd)
Blue	20mA	3.8 min - 3.3 typ. VDC	80 mcd
Red	20mA	1.95 typ. - 2.5 max VDC	230 mcd
Green	20mA	2.1 typ. - 2.5 max VDC	50 mcd
Yellow	20mA	2.0 typ. - 2.5 max VDC	160 mcd
White	20mA	3.3 typ. - 4.0 max. VDC	300 mcd
Red/Green Bi-color	Red: 20mA Green: 20mA	Red: 1.95 typ - 2.5 max VDC Green: 3.3 typ. - 4.1 max. VDC	Red: 220 mcd Green: 200 mcd
Yellow/Green Bi-Color	Yellow: 20mA Green: 20mA	Yellow: 2.0 typ. - 2.5 max VDC Green: 2.1 typ. - 2.5 max VDC	Yellow: 180 mcd Green: 60 mcd



ANTI-VANDAL SWITCHES  
 DETECTOR SWITCHES  
 DIP SWITCHES  
 KEYLOCK SWITCHES  
 NAVIGATION SWITCHES  
 PUSHBUTTON SWITCHES  
 ROCKER SWITCHES  
 ROTARY SWITCHES  
 SLIDE SWITCHES  
 SNAP ACTION SWITCHES  
 TACTILE SWITCHES  
 TOGGLE SWITCHES  
 CAP OPTIONS