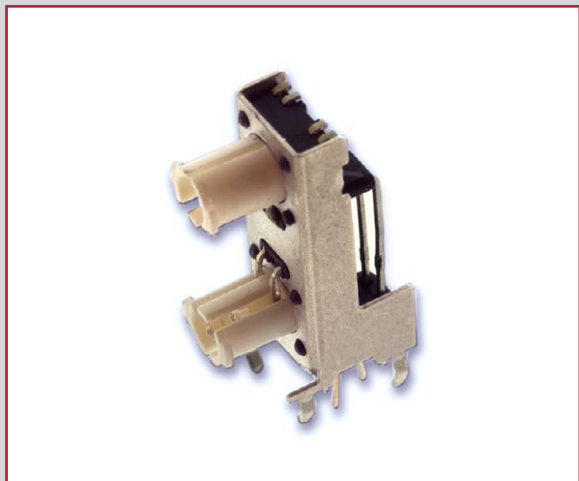
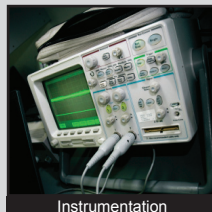
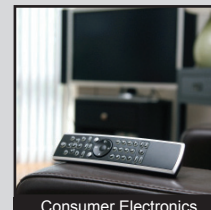
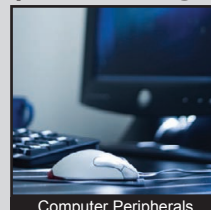
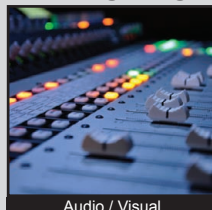


TL3253 SERIES TACT SWITCH

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 @ 12V DC
Life Expectancy: 500,000 Cycles
Contact Resistance: 100mΩ Max.
Insulation Resistance: 100 MΩ Min. at 100V DC
Dielectric Strength: 250V AC for 1 min.
Operating Temperature: -20°C to 70°C
Storage Temperature: -30°C to 80°C
Operating Force: 160 gf +/- 50 gf
Travel: 0.25mm +0.2/-0.1mm
Contact Arrangement: SPST, Normally Open

FEATURES & BENEFITS

- Illumination options
- Dual stacked LEDs
- Right angle mount

PART NUMBER CONFIGURATOR

Series	Model	Upper Actuator Height	Upper Actuator LED	Upper Actuator Cap	Lower Actuator Height	Lower Actuator LED	Lower Actuator Cap	Operating Force	Contact Material
TL	3253	A - 6.60mm B - 8.55mm	Y - Yellow R - Red G - Green B - Blue W - White N - No LED	A - Stepped Transparent B - Round Transparent N - No Cap	A - 6.60mm B - 8.55mm	Y - Yellow R - Red G - Green B - Blue W - White N - No LED	A - Stepped Transparent B - Round Transparent N - No Cap	F160	Q - Silver

Specifications subject to change without notice



E-SWITCH®

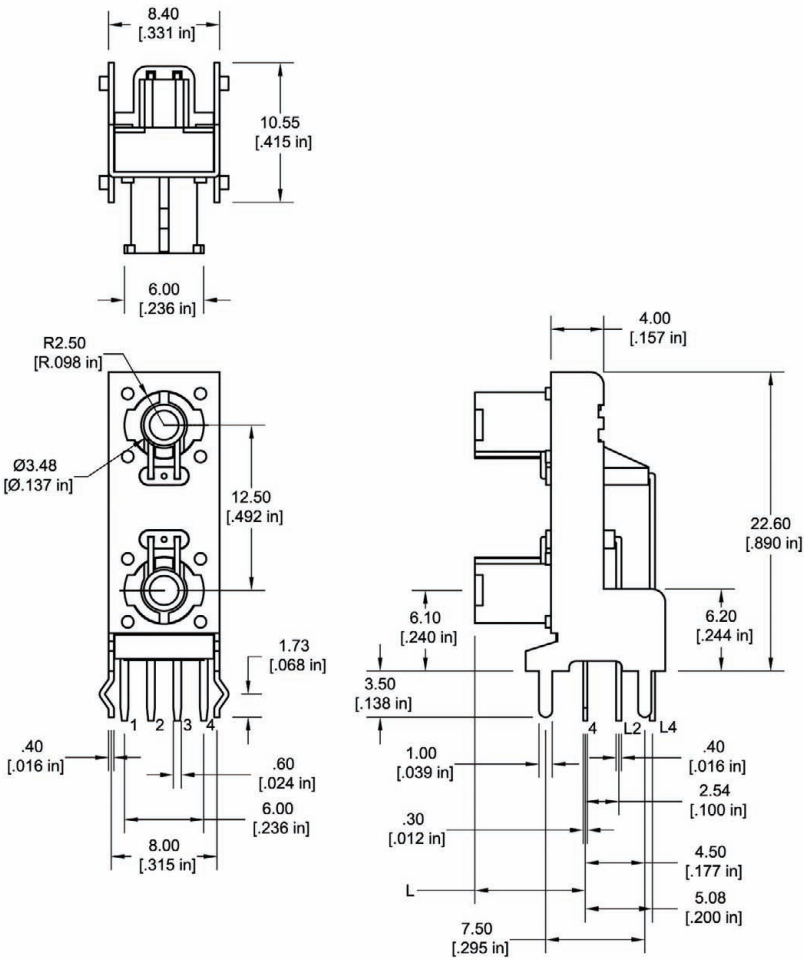
www.e-switch.com

800.867.2717

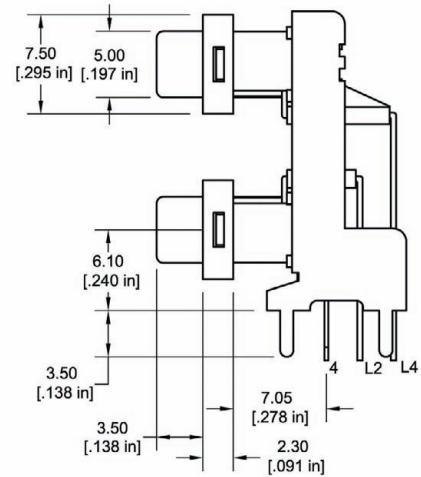
2

TL3253 SERIES TACT SWITCH

BODY DIMENSIONS

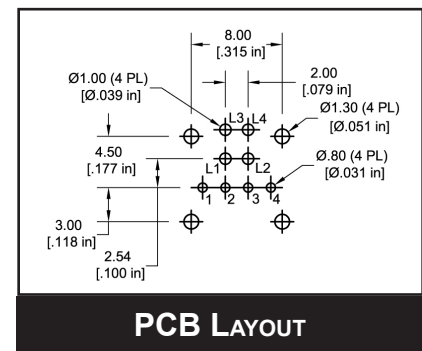


Shown With
Optional Caps

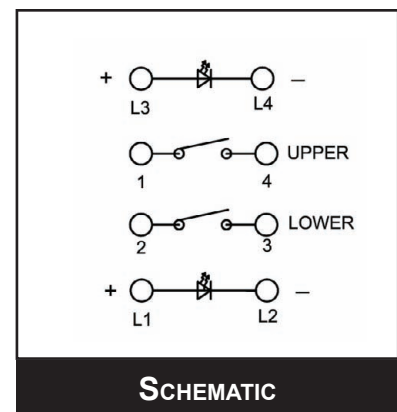


LED Specifications

	Forward Current (mA)	Forward Voltage V @ 20mA	Luminous Intensity (mcd)
Blue	20mA	3.3 typ. - 4.0 max VDC	1000 mcd
Red	20mA	1.95 typ. - 2.5 max VDC	4000 mcd
Green	20mA	2.1 typ. - 2.5 max VDC	600 mcd
Yellow	20mA	2.0 typ. - 2.5 max VDC	2700 mcd
White	20mA	3.3 typ. - 4.0 max. VDC	650 mcd



PCB LAYOUT



SCHEMATIC



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