

TL1270 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

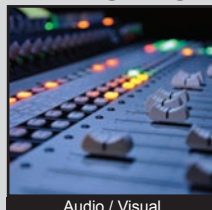
TACTILE
SWITCHES

TOGGLE
SWITCHES

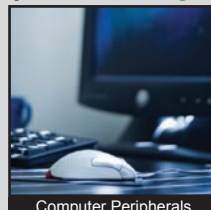
CAP
OPTIONS



APPLICATIONS / MARKETS



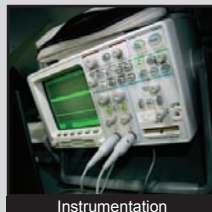
Audio / Visual



Computer Peripherals



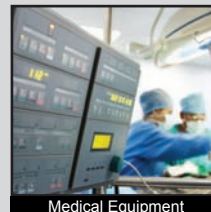
Consumer Electronics



Instrumentation



Telecommunication



Medical Equipment

RoHS

SPECIFICATIONS

Electrical Rating: 50mA @ 12VDC
Life Expectancy: 300,000 Cycles
Contact Resistance: 500mΩ Max.
Insulation Resistance: 100 MΩ Min. at 100VDC
Dielectric Strength: 250VAC for 1 min.
Operating Temperature: -40°C to 85°C
Storage Temperature: -40°C to 85°C
Operating Force: 160 gf, 250 gf
Travel: 0.20mm
Contact Arrangement: SPST, Normally Open, Momentary

FEATURES & BENEFITS

- LED Illumination
- Tape & Reel packaging
- Right angle design
- Gold or silver contact option
- Long or short cap options
- Subminiature size

PART NUMBER CONFIGURATOR

Series	Force	Color	Contact Plating	Cap Style	Cap Color
 TL1270	 F160 F250	 BL - Blue GY - Green/Yellow bi-color RE - Red YE - Yellow WH - White	 Q - Silver R - Gold	 A - Short B - Long	 T - Transparent

Specifications subject to change without notice



E-SWITCH®

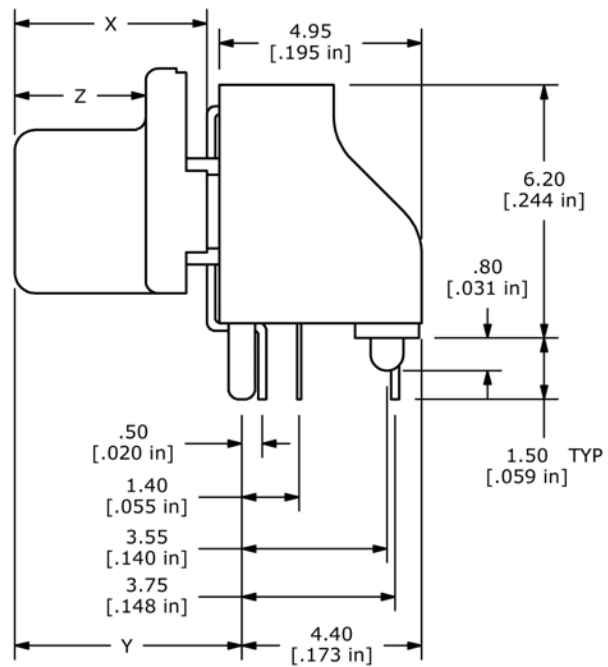
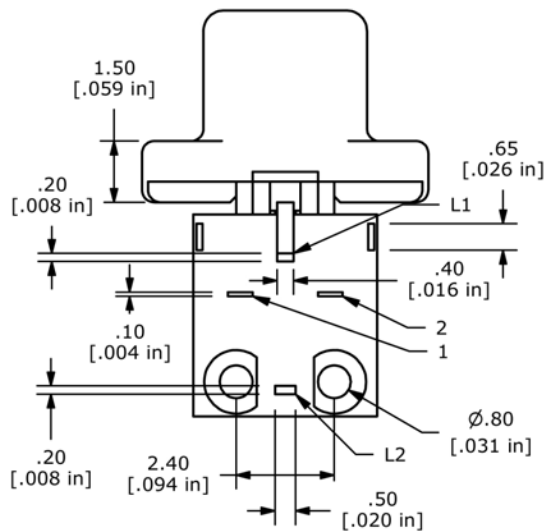
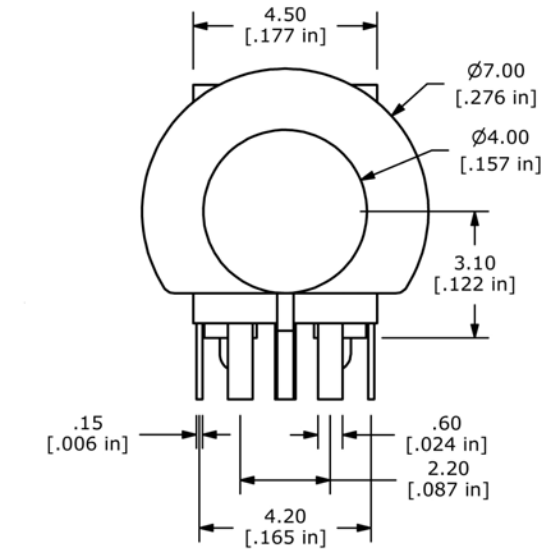
www.e-switch.com

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TL1270 SERIES TACT SWITCH

BODY DIMENSIONS

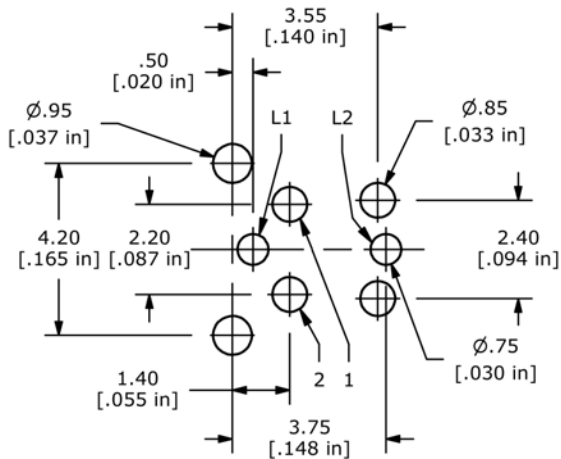


CAP Dimensions

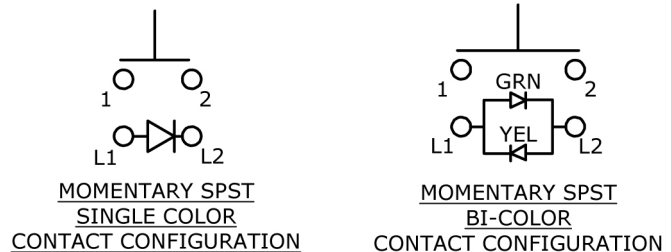
Cap Style	Dimension X	Dimension Y	Dimension Z
A	4.70 [.185 in]	5.55 [.219 in]	3.20 [.126 in]
B	5.70 [.224 in]	6.55 [.258 in]	4.20 [.165 in]

LED Specifications

	Forward Current	Forward Voltage	Luminous Intensity
Blue	20mA	3.0V Typ - 3.6V Max	80 mcd Typ
Red	20mA	2.0V Typ - 2.3V Max	80 mcd Typ
Green	20mA	2.0V Typ - 2.3V Max	6 mcd Typ
Yellow	20mA	2.0V Typ - 2.3V Max	50 mcd Typ
White	20mA	3.0V Typ - 3.6V Max	350 mcd Typ



PCB LAYOUT



SCHEMATICS



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

E-Switch:

[TL1270F160BLQAT](#) [TL1270F160REQAT](#) [TL1270F160BLQBT](#) [TL1270F160GYQBT](#) [TL1270F160REQBT](#)
[TL1270F160GYQAT](#)