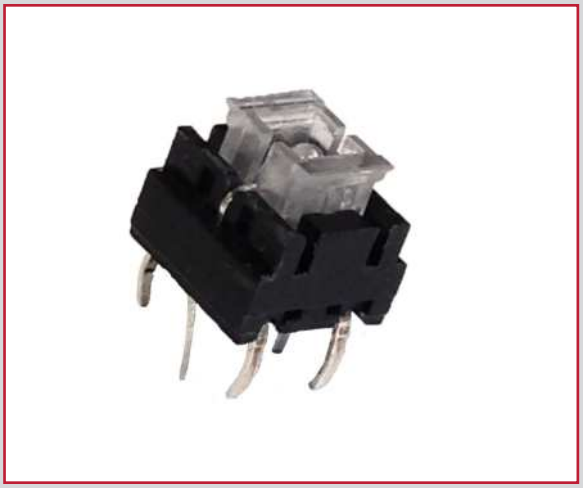
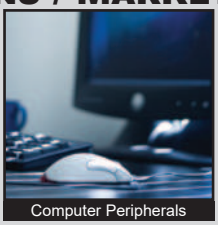
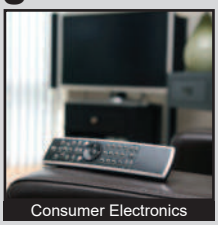
TL6275 Series Tact Switch



Applications / Markets


Audio / Visual


Computer Peripherals


Consumer Electronics


Instrumentation


Security Devices


Medical Equipment

RoHS

Specifications

Contact Arrangement: SPST
Contact Rating: 50mA @ 12VDC
Contact Resistance: 100mΩ Initial
Insulation Resistance: 100 MΩ Min.
Dielectric Strength: 250V RMS
Electrical Life: 100,000 cycles
Operating Temperature: -25°C to 70°C
Storage Temperature: -25°C to 70°C
Travel: 0.25mm
Actuation Force: 350 gf

Features & Benefits

- **100,000 cycle life expectancy**
- **Multiple cap options**
- **Ilumination options**
- **PCB Mount**
- **Capable to withstand a typical water wash**

Part Number Configurator

Series ☐☐☐☐☐☐
TL6275

Actuator ☐
A - Clear 7.20 Actuator (No Cap)
B - Clear 9.05 Actuator

Housing ☐☐
A2 - Standard Housing

Termination ☐
P - Thru Hole PCB Pins

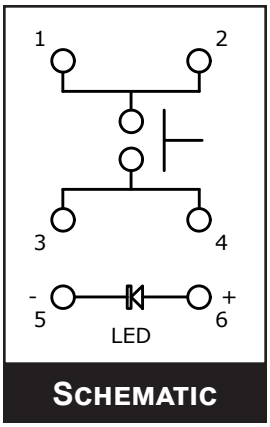
Contact Material ☐
Q - Silver

Cap Options (Only with B - Actuator) ☐
N - None
R - Opaque 7.4 Rounded
S - Transparent 7.4 Square
T - Translucent High 6.0 Square
U - Translucent High 6.0 Circle

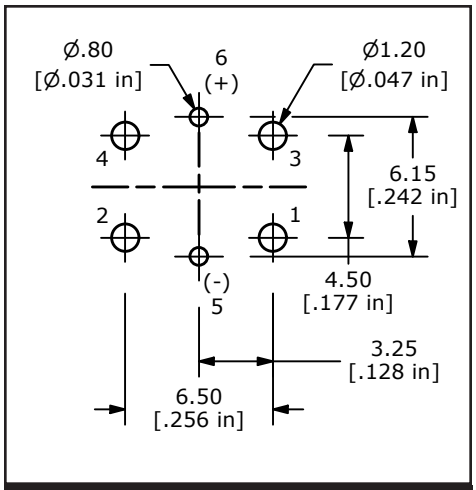
LED Color ☐
R - Red
B - Blue
G - Green
W - White
Y - Yellow

Specifications subject to change without notice 5.18.2019

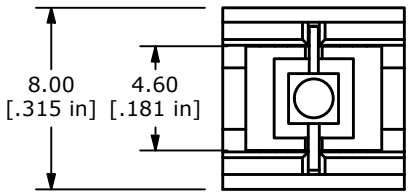
BODY DIMENSIONS
A - ACTUATOR

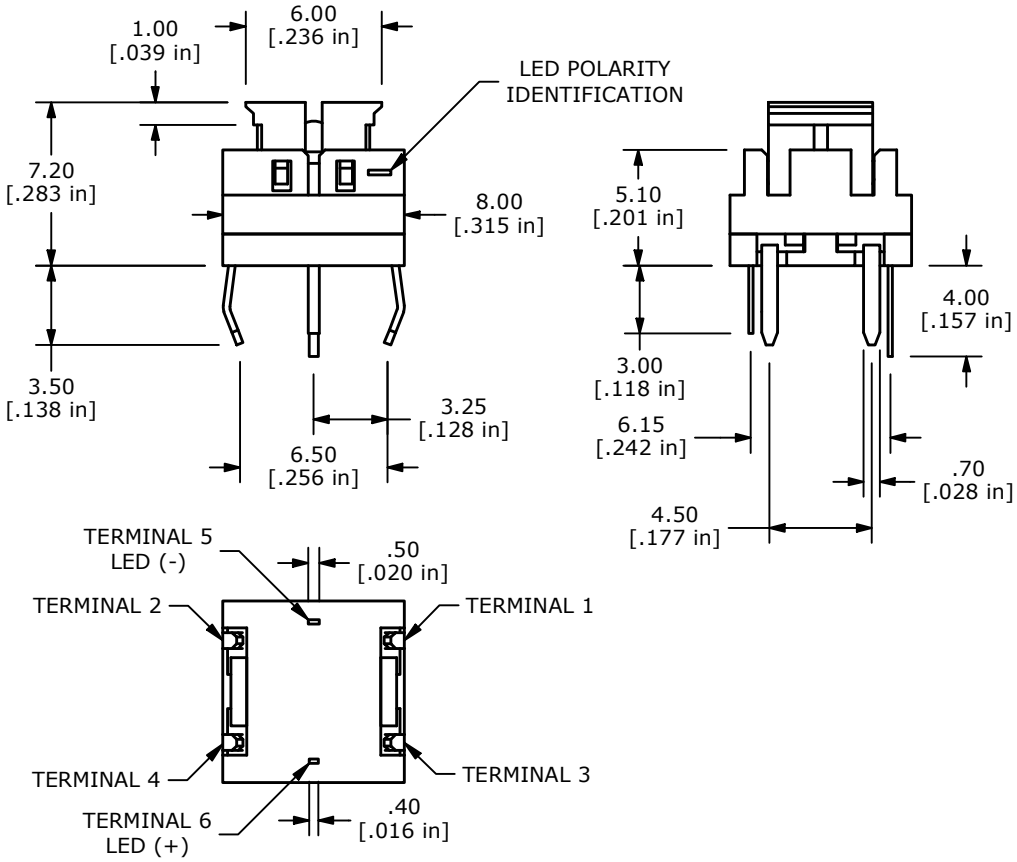


SCHEMATIC

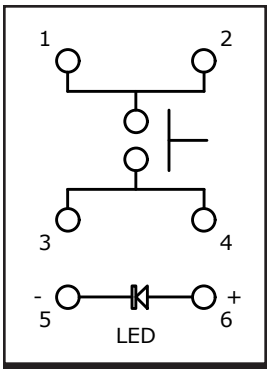


RECOMMENDED PCB LAYOUT

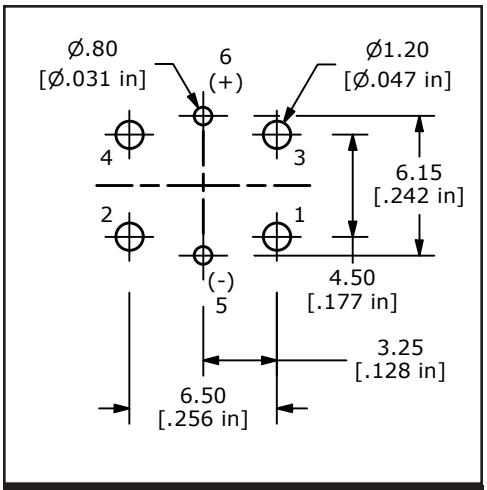




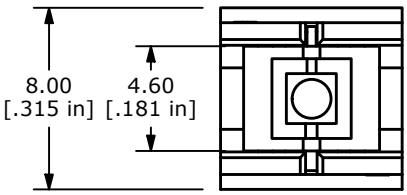
BODY DIMENSIONS
B - ACTUATOR

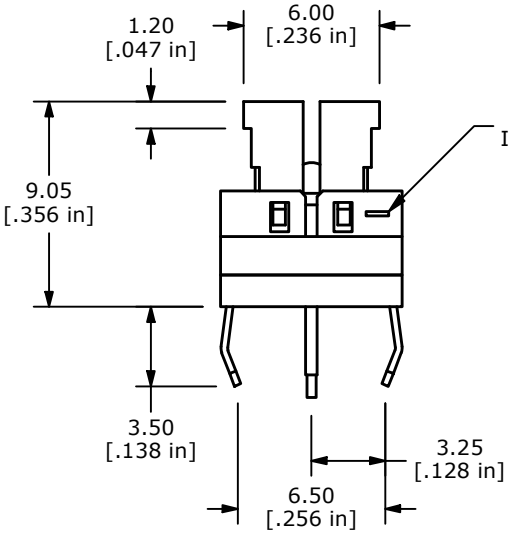


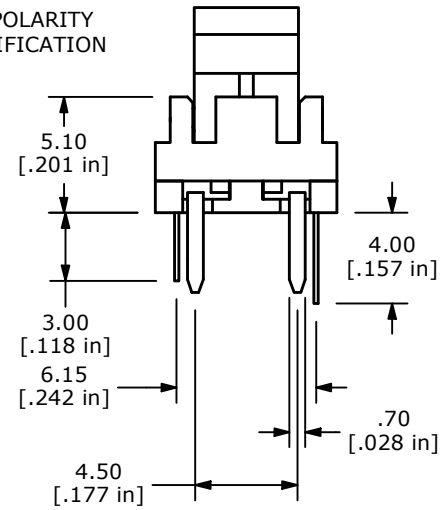
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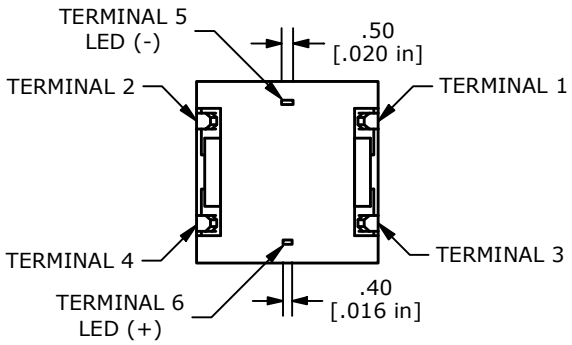


RECOMMENDED PCB LAYOUT

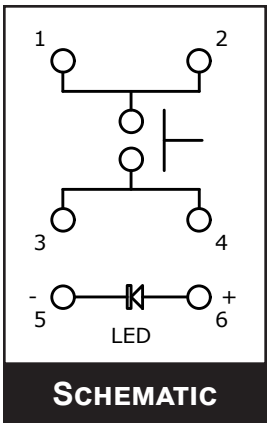




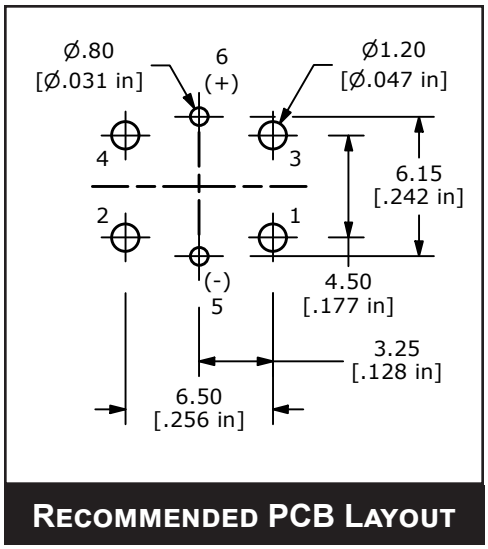




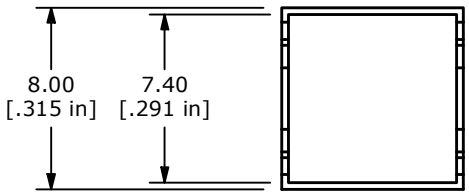
BODY DIMENSIONS
S - TRANSPARENT
7.4 SQUARE

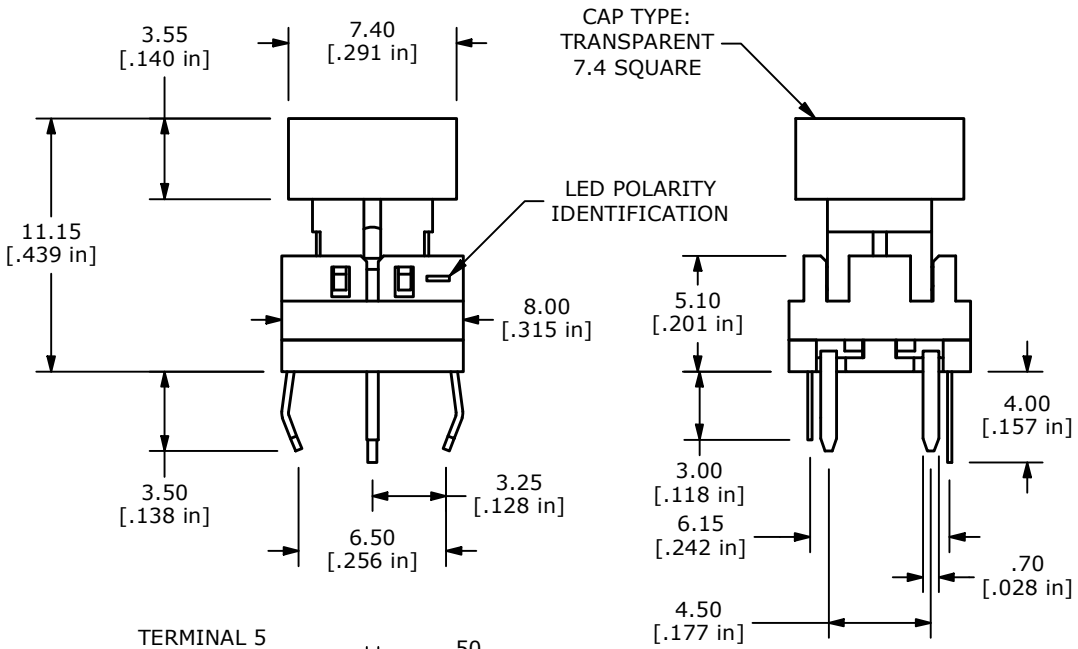


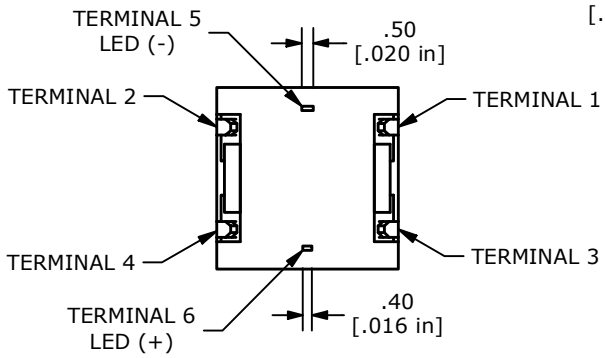
SCHEMATIC



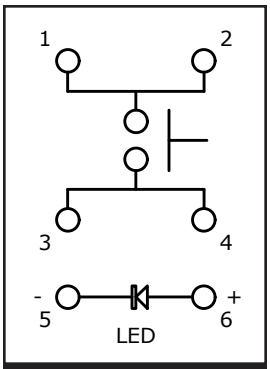
RECOMMENDED PCB LAYOUT



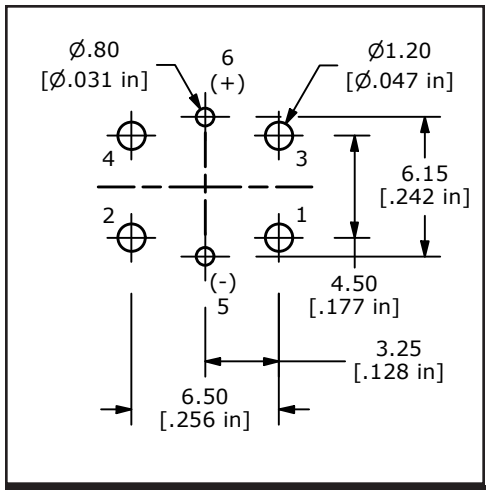




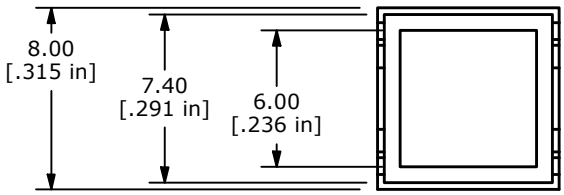
BODY DIMENSIONS
T - TRANSLUCENT
6.0 SQUARE

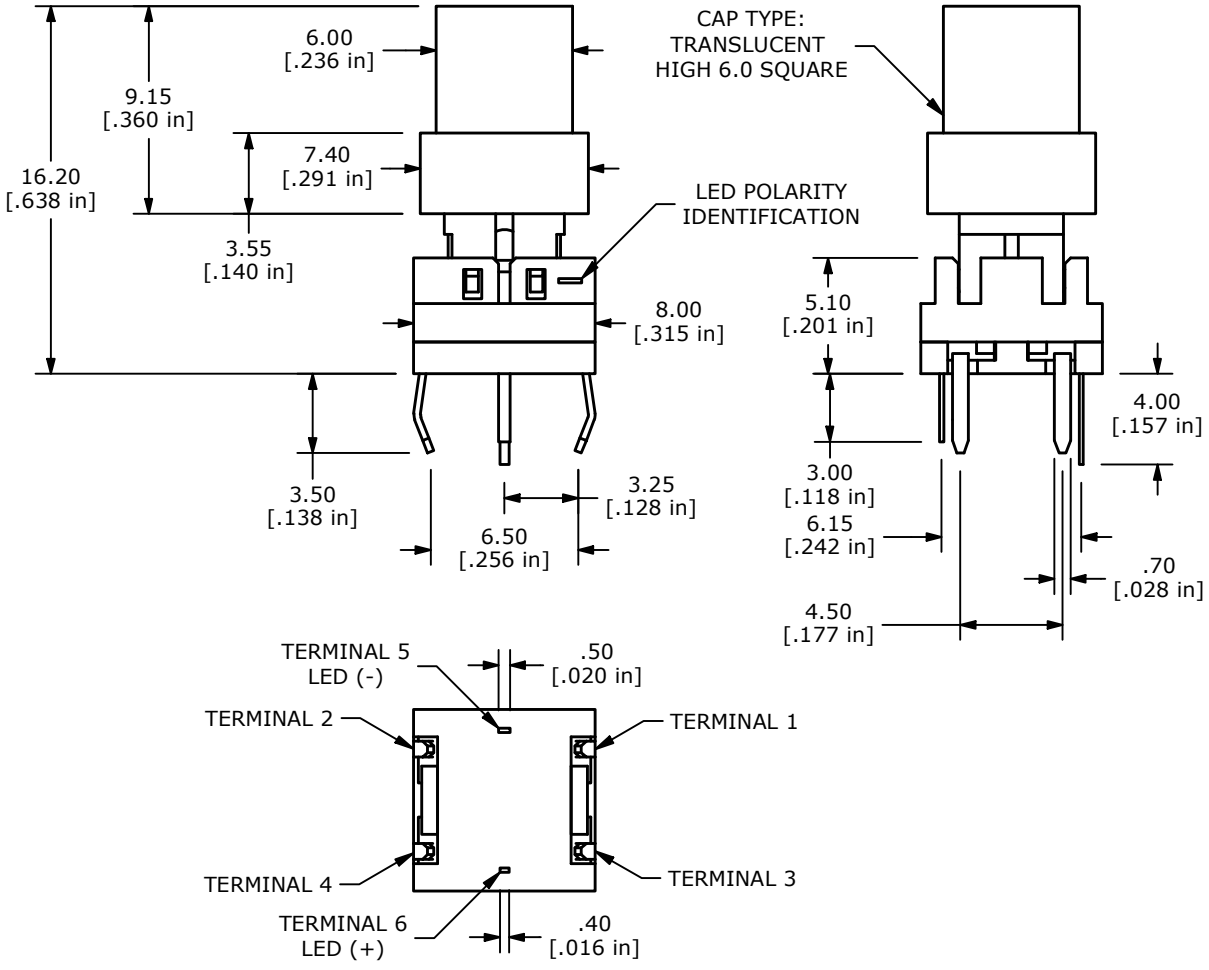


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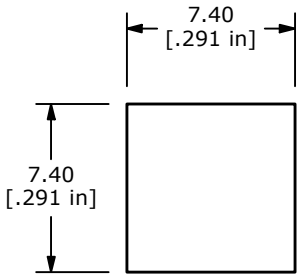


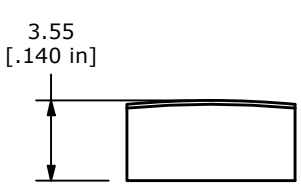
RECOMMENDED PCB LAYOUT





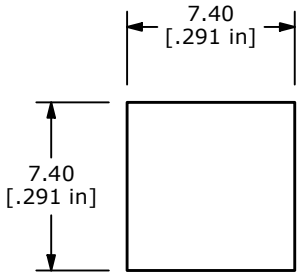
Cap Options

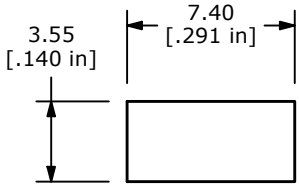




R - Opaque 7.40 Rounded

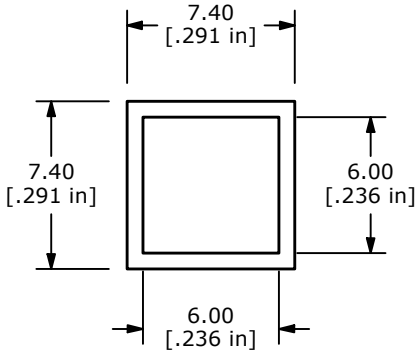
R - Opaque 7.4 Rounded

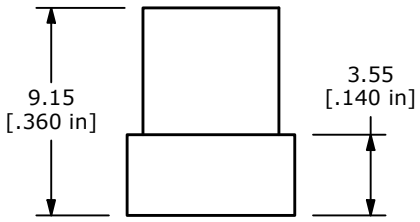




S - Transparent 7.40 Square

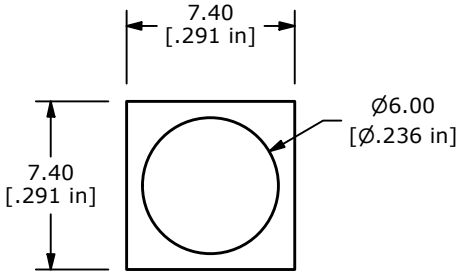
S - Transparent 7.4 Square

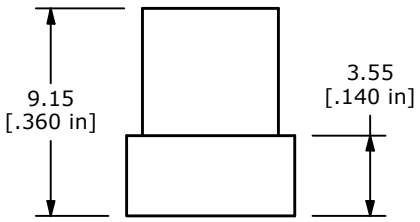




T - Translucent High 6.00 Square

T - Translucent High 6.0 Square





U - Translucent High 6.0 Circle

U - Translucent High 6.0 Circle