

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



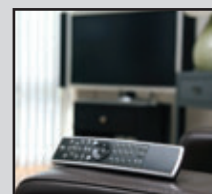
APPLICATIONS / MARKETS



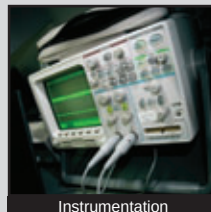
Audio / Visual



Computer Peripherals



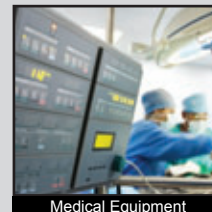
Consumer Electronics



Instrumentation



Telecommunication



Medical Equipment

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
Travel: 0.25mm
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



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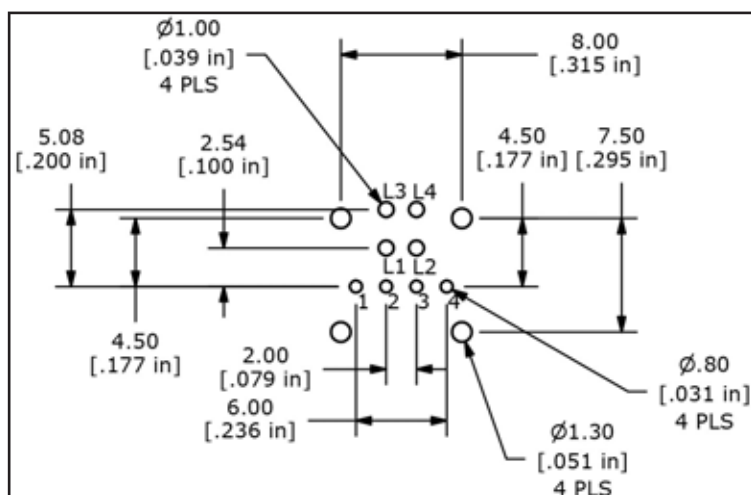
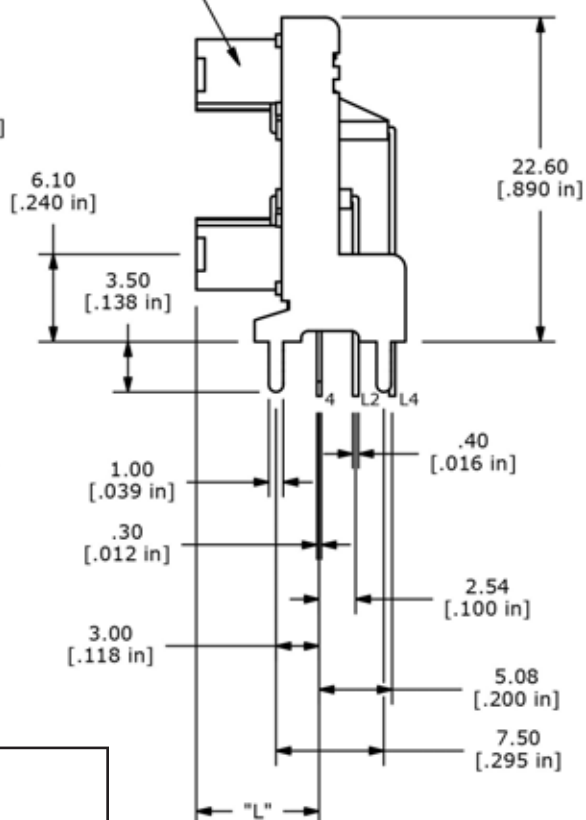
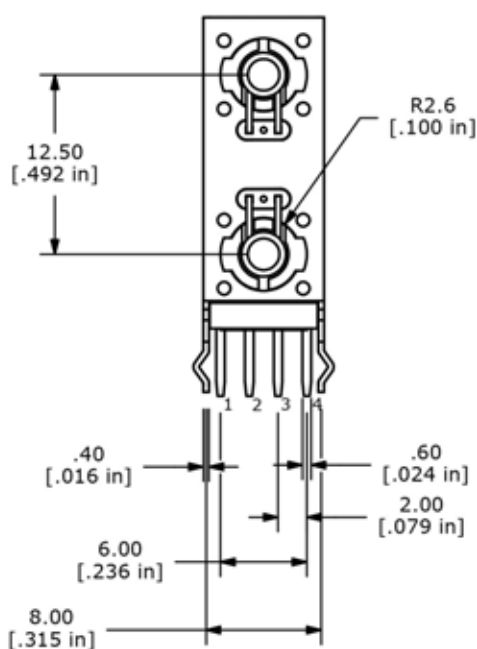
Technical drawing showing the front view of the 1000 Series 1/2" component. The drawing includes the following dimensions:

- Top width: 8.40 [.331 in]
- Right height: 10.50 [.413 in]
- Bottom width: 6.00 [.236 in]

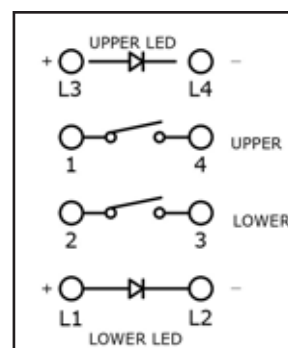
The drawing shows a central rectangular body with a smaller rectangular feature on top, flanked by two vertical supports. The bottom of the component has a wider base with four mounting feet.

ACTUATOR	"L" DIM
"A"	6.60mm
"B"	8.55mm

"N" (NO CAP)
OPTION SHOWN



PCB LAYOUT

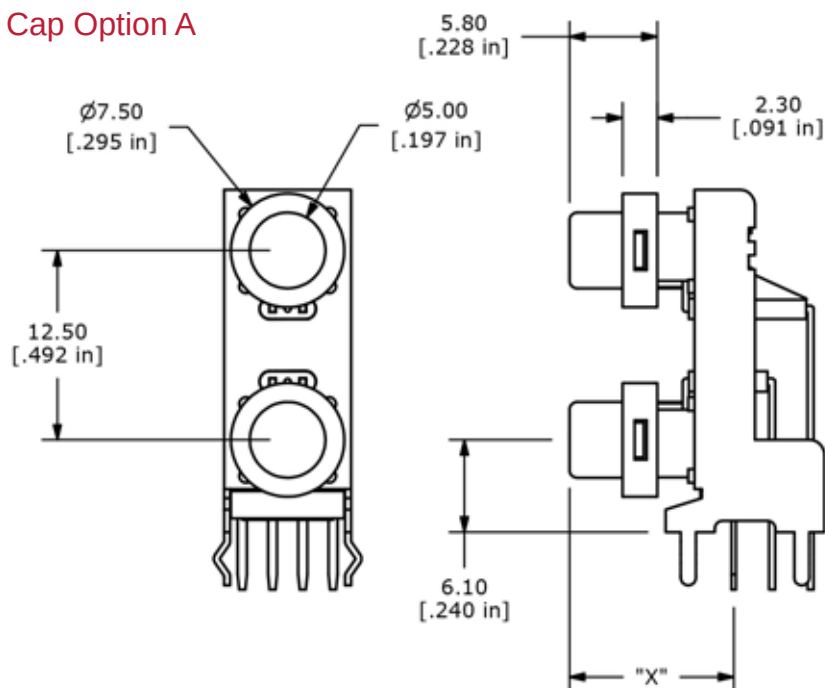


SCHEMATIC

TL3253 SERIES TACT SWITCH

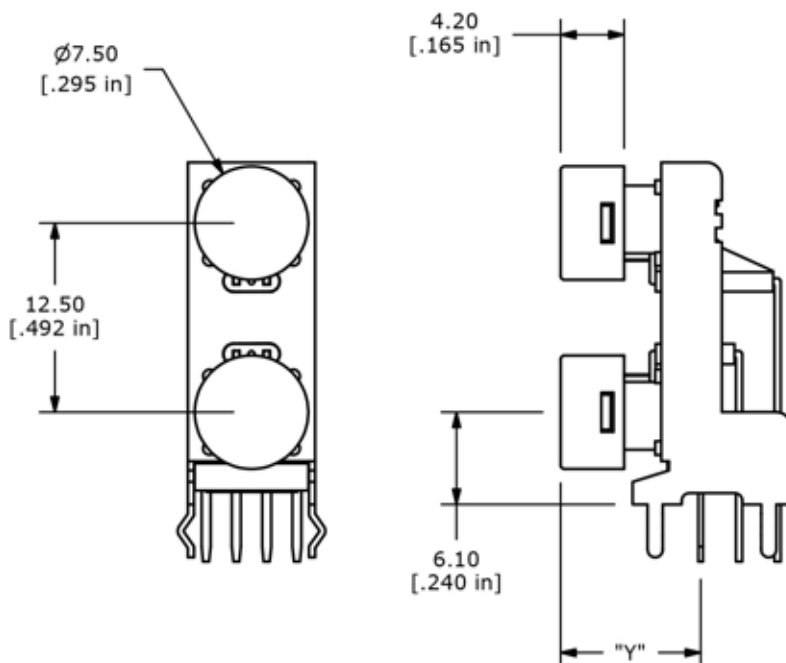
CAP OPTIONS

Cap Option A



ACTUATOR	"X" DIM
"A"	10.85mm
"B"	12.80mm

Cap Option B



ACTUATOR	"L" DIM
"A"	9.25mm
"B"	11.2mm

