

TL6105 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

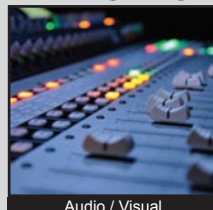
TACTILE
SWITCHES

TOGGLE
SWITCHES

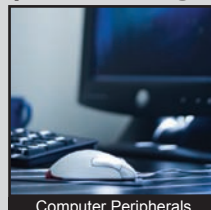
CAP
OPTIONS



APPLICATIONS / MARKETS



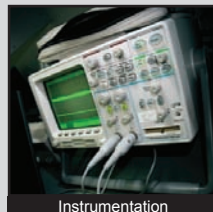
Audio / Visual



Computer Peripherals



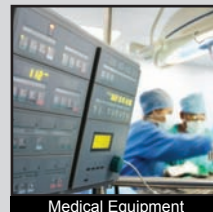
Consumer Electronics



Instrumentation



Telecommunication



Medical Equipment

RoHS

SPECIFICATIONS

Electrical Rating: 50mA @ 12VDC
Life Expectancy: per chart
Contact Resistance: 100mΩ Max. Initial
Insulation Resistance: 100 MΩ Min. at 100VAC
Dielectric Strength: 250VAC for 1 min.
Operating Temperature: -40°C to 85°C
Storage Temperature: -40°C to 85°C
Operating Force: 130 gf, 160 gf, 300 gf, 500 gf
Travel: 0.50mm
Contact Arrangement: SPST

FEATURES & BENEFITS

- Tube packaging
- Multiple operating forces
- Gold or silver contact option
- Multiple actuator lengths
- Earth ground terminal
- Process sealed

PART NUMBER CONFIGURATOR

Series	Actuator Options	Actuation Force	Contact Plating	Termination
TL6105 - earth ground	A - 4.70mm B - 5.20mm C - 6.90mm D - 10.0mm	F130 - 130 gf F160 - 160 gf F300 - 300 gf F500 - 500 gf	Q - Silver R - Gold	P - PCB Pins

Actuation Force	Life Cycles
130 gf	1,000,000
160 gf	1,000,000
300 gf	500,000
500 gf	200,000

Specifications subject to change without notice



E-SWITCH®

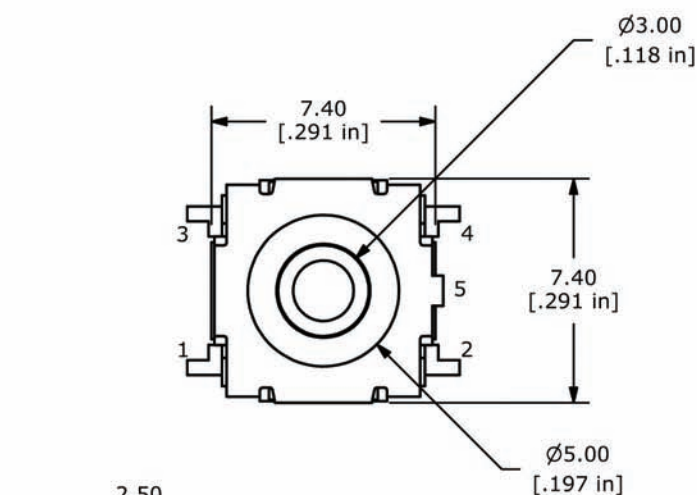
www.e-switch.com

800.867.2717

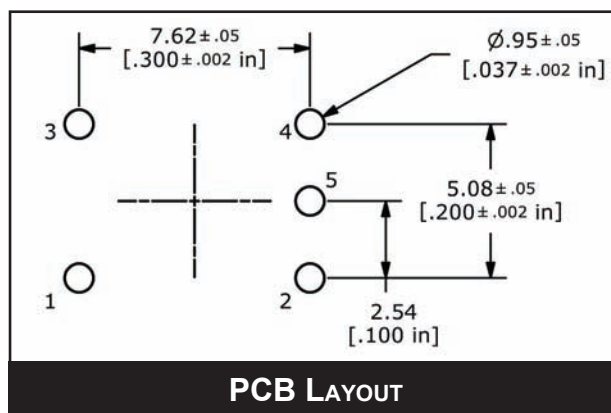
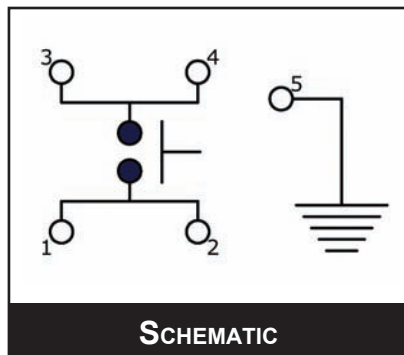
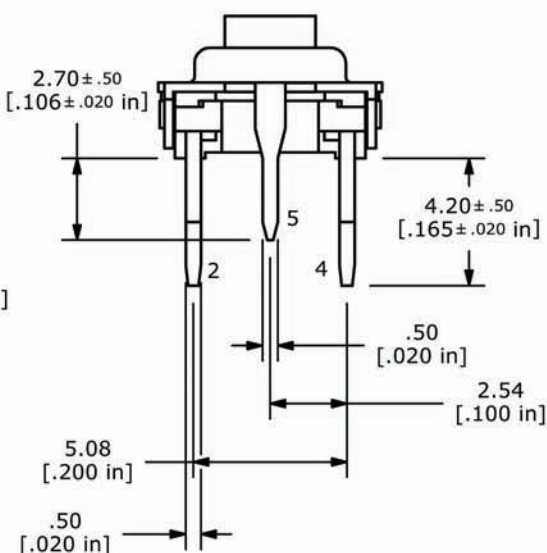
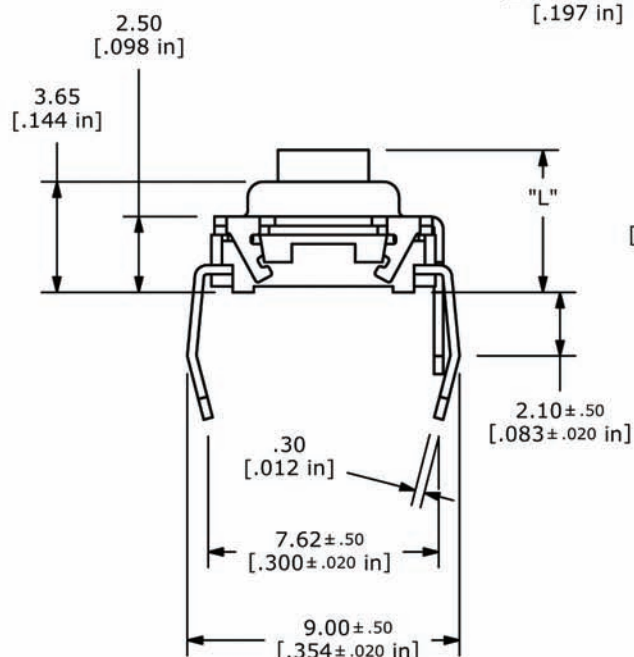
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TL6105 SERIES TACT SWITCH

BODY DIMENSIONS



Actuator	"L" Dimension
A	4.70
B	5.20
C	6.90
D	10.00



Mouser Electronics

Authorized Distributor

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E-Switch:

[TL6105DF300QP](#) [TL6105DF300RP](#) [TL6105CF160QP](#) [TL6105AF160QP](#) [TL6105BF160QP](#) [TL6105DF160QP](#)