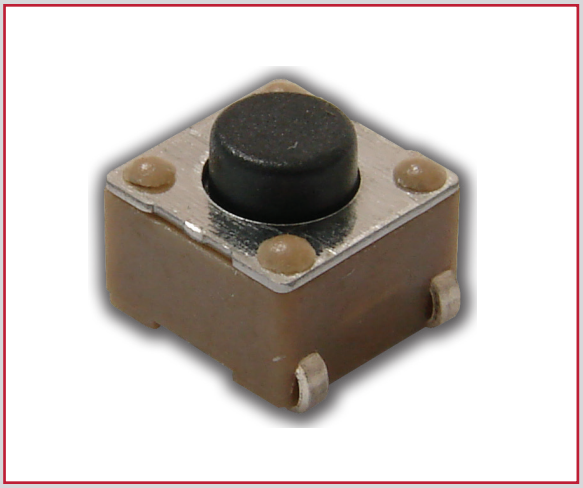
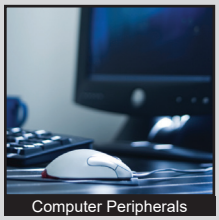
TL3301 Series Tact Switch



Applications / Markets

Audio / Visual


Computer Peripherals

Consumer Electronics

Instrumentation

Telecommunication

Medical Devices

RoHS

Specifications

Contact Rating: 50mA @ 12VDC
Electrical Life: 100,000 gf
Contact Resistance: 100mΩ Max
Insulation Resistance: 100MΩ Min @ 500VDC
Dielectric Strength: 250VAC for 1 Minute
Operating Temperature: -20°C to 70°C
Storage Temperature: -30°C to 85°C
Travel: 0.25mm
Contact Arrangement: SPST
Actuation Force: 100gf; 160gf; 260gf

Features & Benefits

- **Single pole single throw**
- **Surface mount**
- **6mm x 6mm**
- **Cap options**
- **Multiple actuator options**

Part Number Configurator

Series ☐☐☐☐☐☐
TL3301

Actuator Options ☐☐
A - 5.0mm (no cap)
B - 9.5mm (no cap)
C - 8.0mm (no cap)
D - 13.0mm (no cap)
E - 7.3mm (no cap)
F - 7.0mm (no cap)
N - 4.3mm (no cap)
P - 8.5mm (no cap)
SP - 2.8mm square cap
T - 2.4mm square cap

Actuation Force ☐☐☐☐
F100 - 100 gf
F160 - 160 gf
F260 - 260 gf

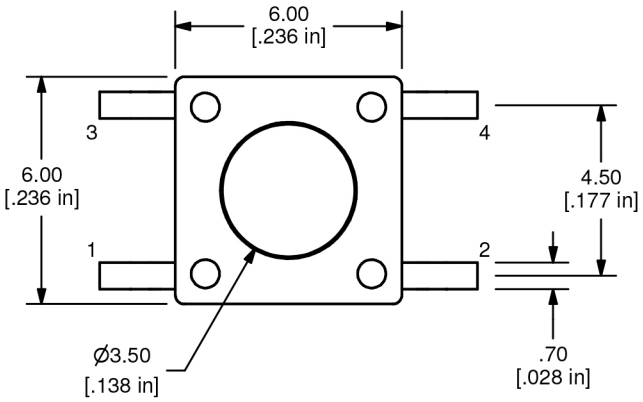
Contact Material ☐☐
Q - Silver
R - Gold

Termination ☐
G - Gullwing
J - J-lead

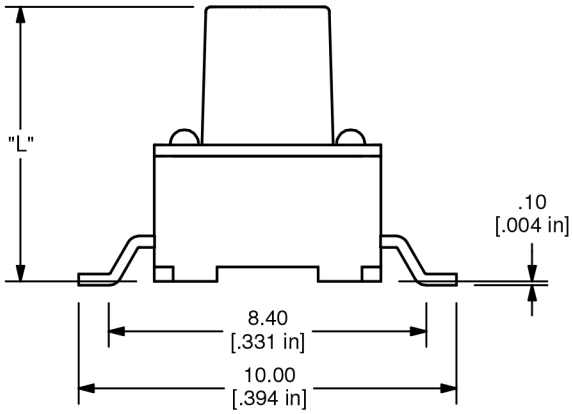
Cap Options ☐
Order Caps Separately

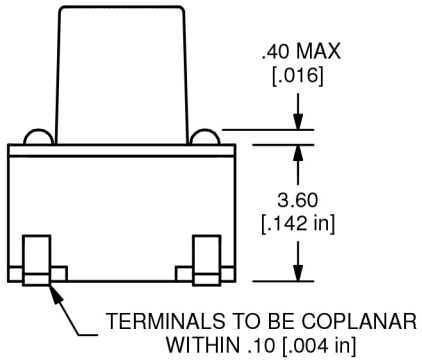
Specifications subject to change without notice 11.4.2019

TERMINATION OPTIONS

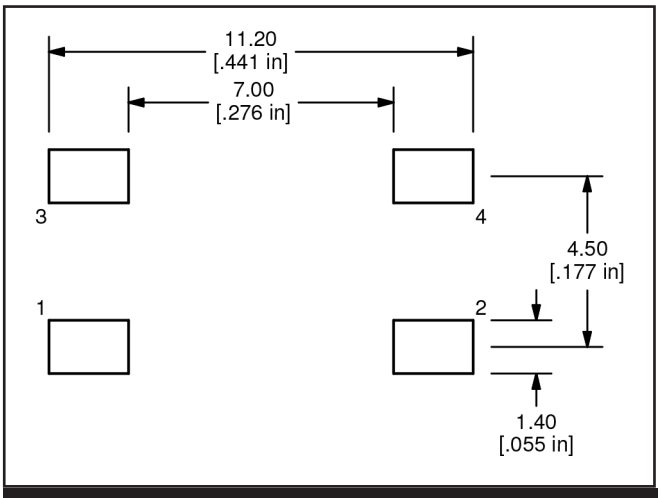


ACTUATOR OPTION	"L" DIMENSION
N	4.3mm
A	5.0mm
E	7.3mm
F	7.0mm
C	8.0mm
P	8.5mm
B	9.5mm
D	13.0mm

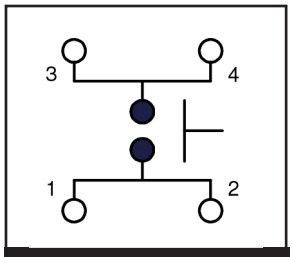




GULLWING TERMINATION

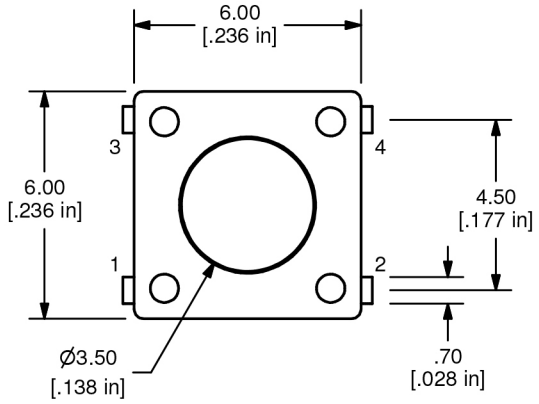


PCB LAYOUT



SCHEMATIC

Termination Options



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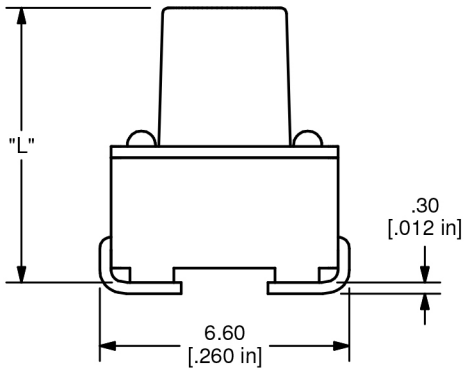
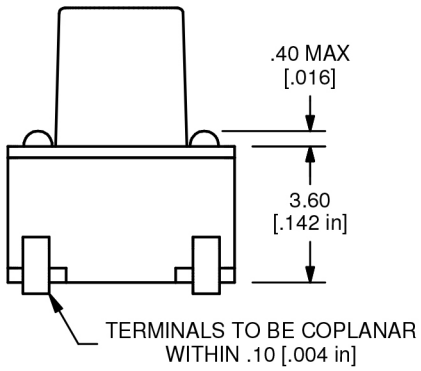
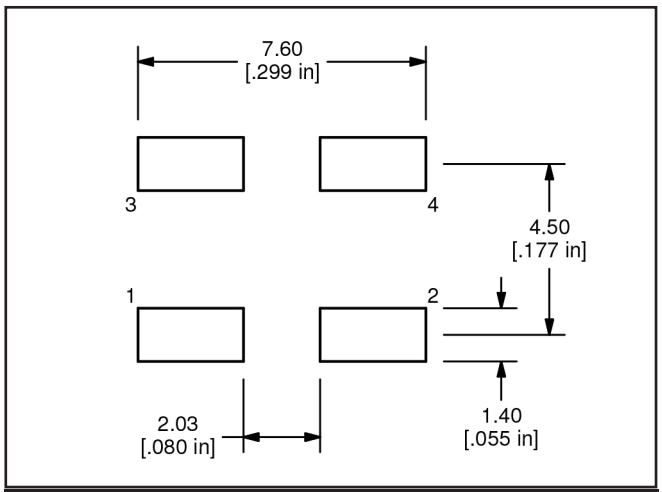
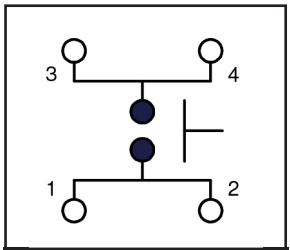




J-Lead Termination

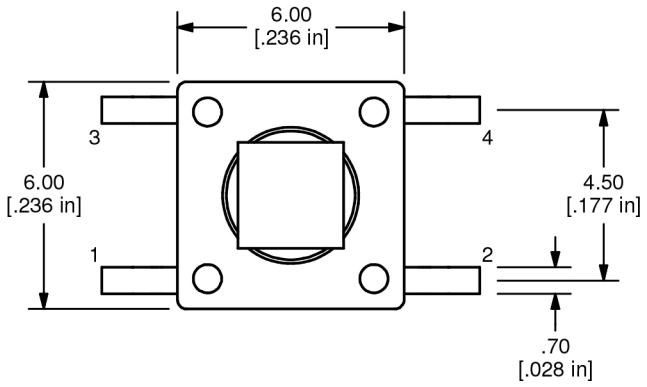


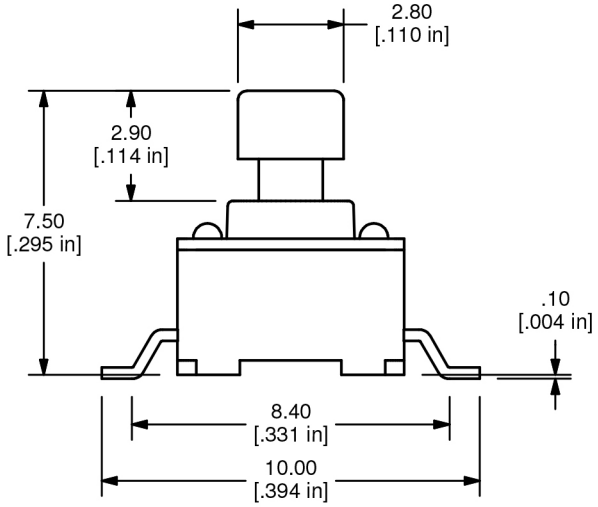
PCB Layout

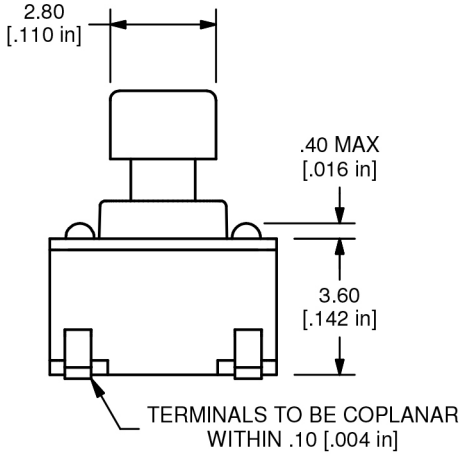


Schematic

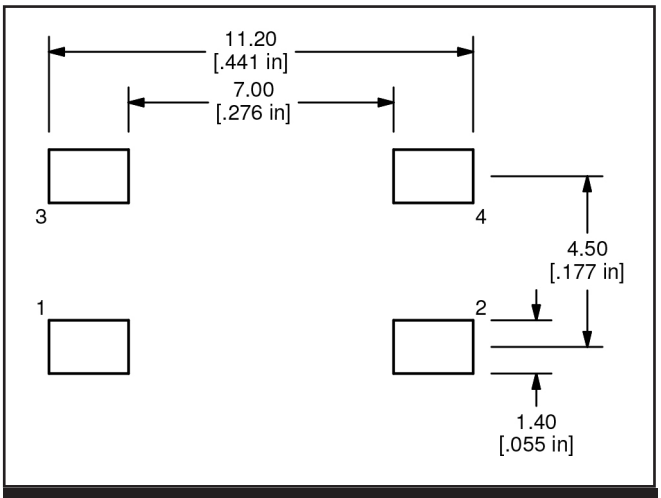
ACTUATOR OPTIONS



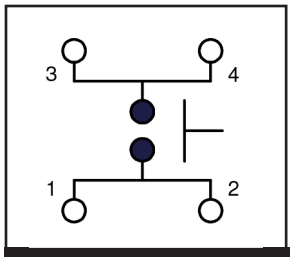




SP ACTUATOR
(GULLWINGTERMINATIONSHOWN)

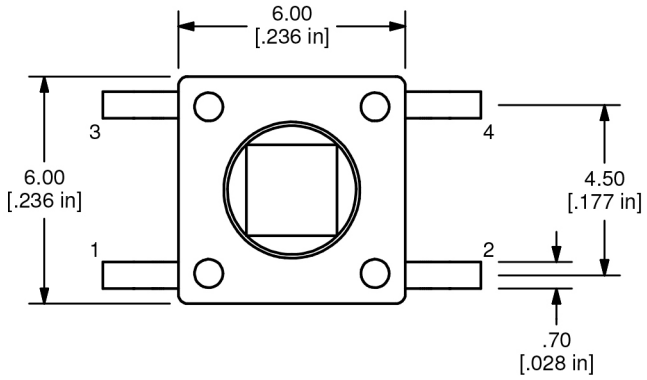


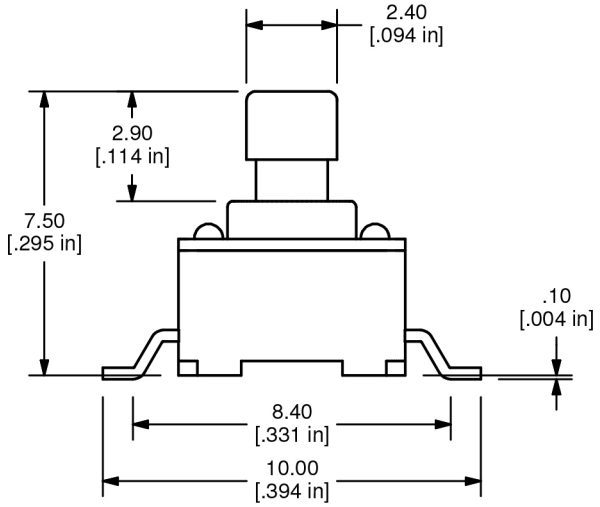
PCB LAYOUT

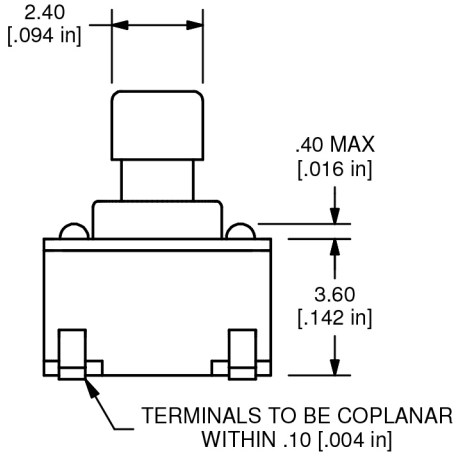


SCHEMATIC

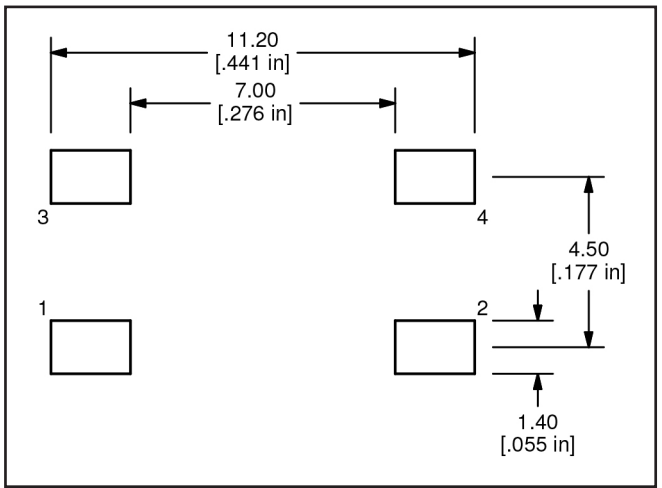
TERMINATION OPTIONS



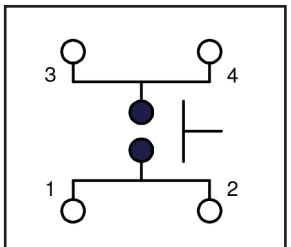




T ACTUATOR
(GULLWING TERMINATION SHOWN)



PCB LAYOUT



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