

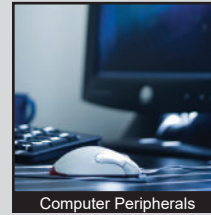
TL3301 SERIES TACT SWITCH



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: -40°C to 85°C
Storage Temperature: -40°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 1.19.2021



E-SWITCH®

www.e-switch.com

800.867.2717

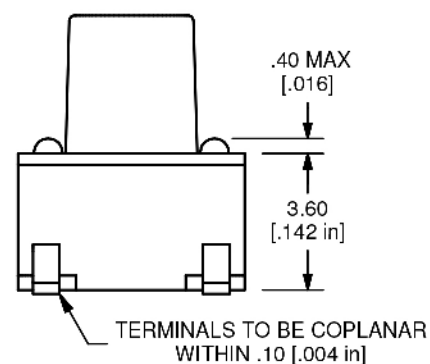
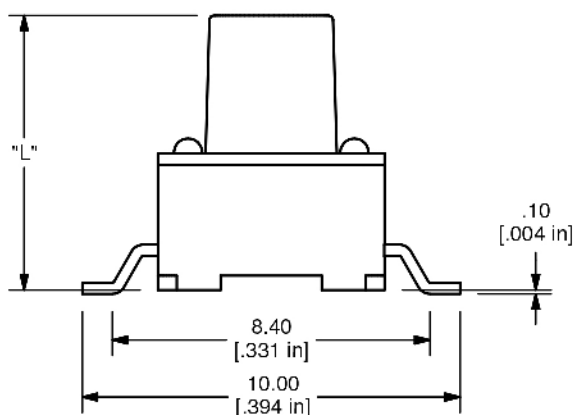
1

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
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Technical drawing of a square plate with a central hole and four rectangular tabs. The drawing includes dimensions in inches and millimeters.

- Central hole diameter: $\varnothing 3.50$ [89 mm]
- Plate width: 6.00 [152 mm]
- Plate height: 6.00 [152 mm]
- Distance between center of hole and center of each tab: 4.50 [114 mm]
- Tab 1: Bottom-left
- Tab 2: Bottom-right
- Tab 3: Top-left
- Tab 4: Top-right
- Plate thickness: .70 [17.8 mm]

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



11.20
[.441 in]

7.00
[.276 in]

3

4

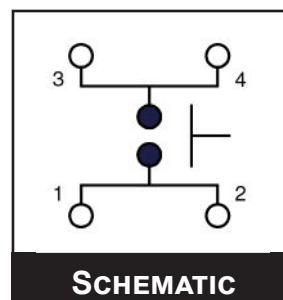
4.50
[.177 in]

1

2

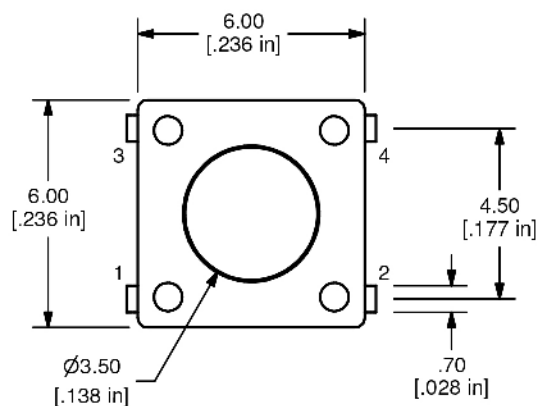
1.40
[.055 in]

PCB LAYOUT

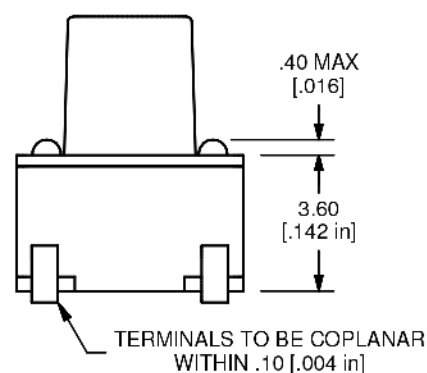
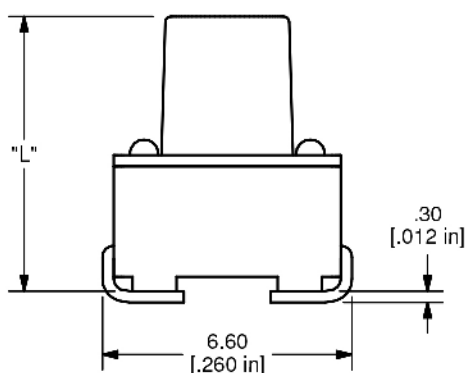


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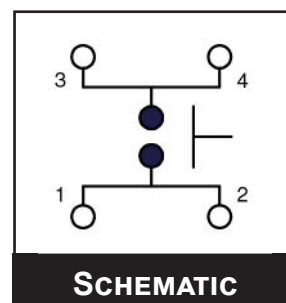
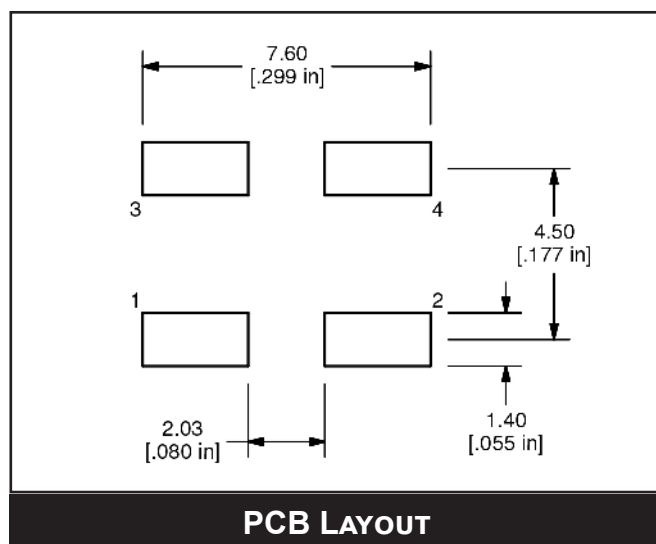
TERMINATION OPTIONS



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

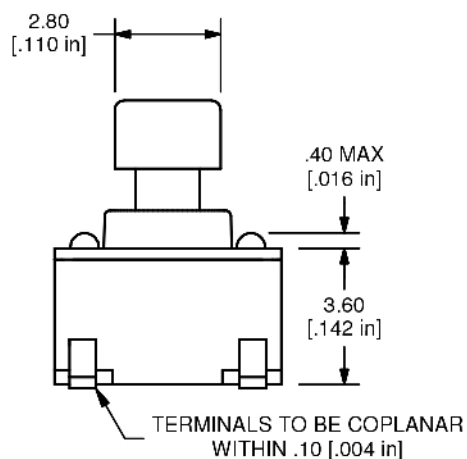
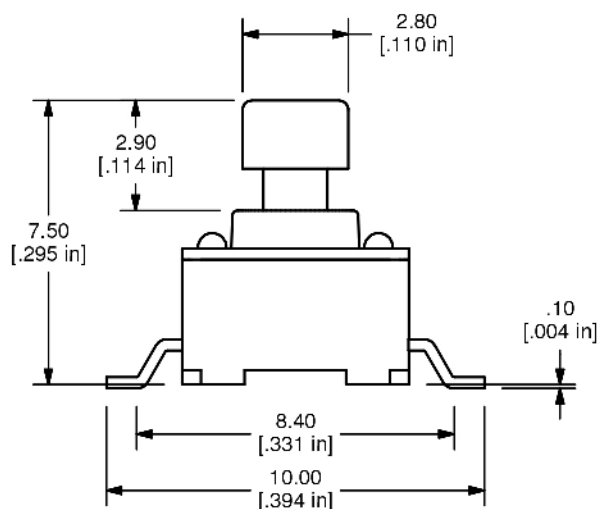
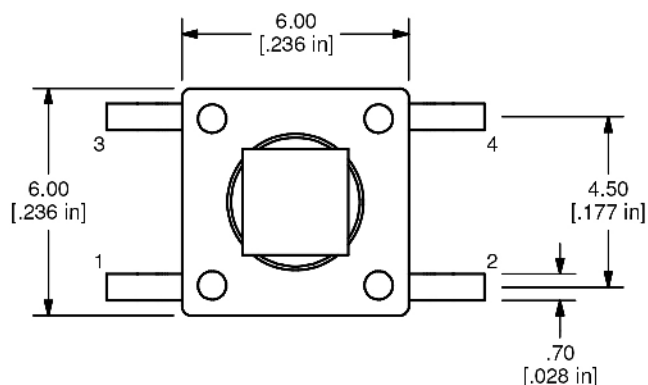


J-LEAD TERMINATION

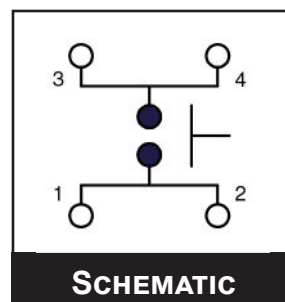
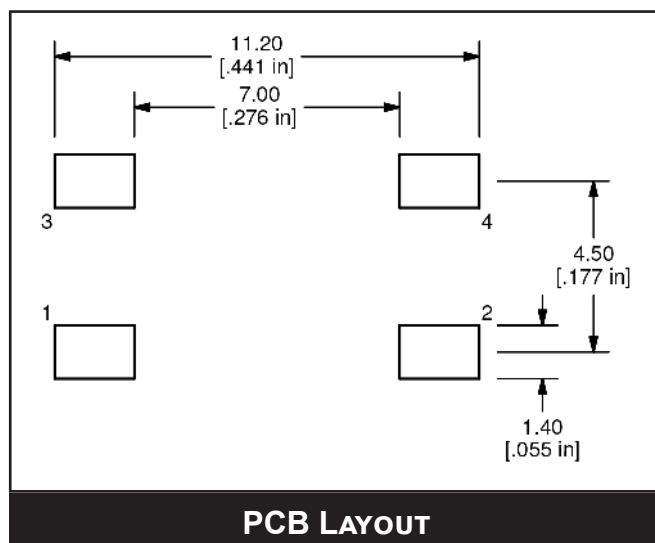


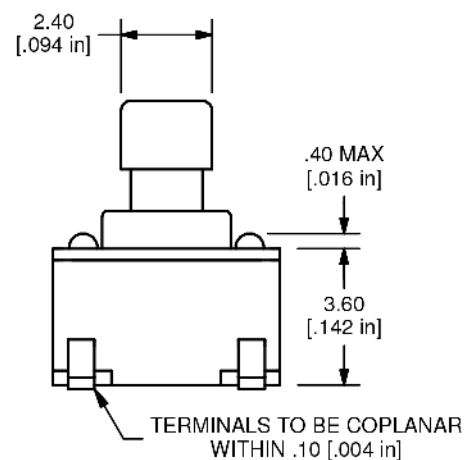
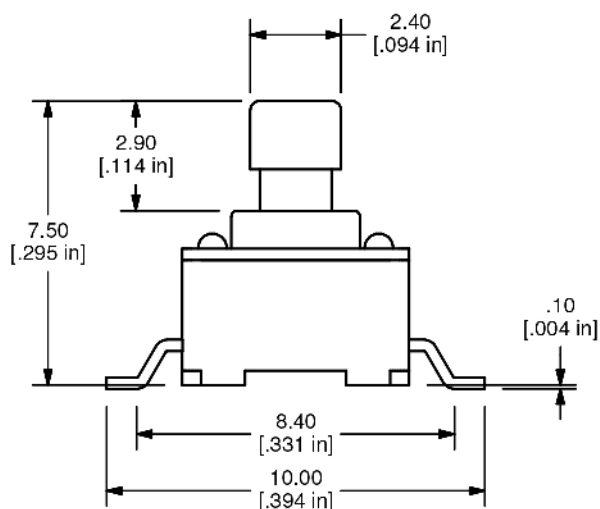
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ACTUATOR OPTIONS



SP ACTUATOR (GULLWING TERMINATION SHOWN)



[illegible]

T ACTUATOR
(GULLWINGTERMINATIONSHOWN)

