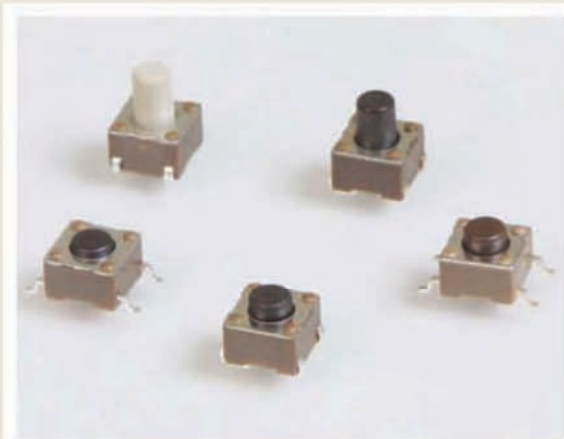




E-SWITCH®

SERIES TL 3301 SWITCHES

TACT SWITCHES SMT - 6mm x 6mm



SPECIFICATIONS

Contact Rating:	50mA @ 12 VDC
Life Expectancy:	100,000 cycles typical
Contact Resistance:	100mΩ max. initial @ 2-4 VDC 100mA for both silver and gold plated contacts
Insulation Resistance:	100MΩ min.
Dielectric Strength:	250 VAC
Actuation Force:	100 ± 50 gf, 160 ± 50 gf, 260 ± 50 gf
Operating Temperature:	-20°C to 70°C
Travel:	0.25 Typ

FEATURES & BENEFITS

- ▶ SMT Design
- ▶ Compatible with lead-free soldering

APPLICATIONS/MARKETS

- ▶ Telecommunications
- ▶ Consumer Electronics
- ▶ Audio/visual
- ▶ Medical
- ▶ Testing/instrumentation
- ▶ Computer/servers/peripherals

HOW TO ORDER

SERIES	MODEL NO.	ACTUATOR* ("L" Dimension)	OPERATING FORCE	CONTACT MATERIAL	TERMINATION
TL	3301	T = 2.4mm ☐ SP = 2.8mm ☐ N = 4.3mm A = 5.0mm E = 7.3mm F = 7.0mm C = 8.0mm P = 8.5mm B = 9.5mm D = 13.0mm	F100 F160 F260	Q = Silver R = Gold	G = Gull Wing J = J-Lead

☐ - Square Snap-on Actuator Head
"L" Dimension is 7.5mm

* Note: Not all actuator lengths available with tape and reel packaging. Please contact E-Switch to confirm availability.

Example Ordering Number

TL-3301-N-F160-Q-J

Specifications subject to change without notice.

TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHESSLIDE
SWITCHESSNAP-ACTION
SWITCHESDIP
SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS



SERIES TL 3301 SWITCHES

TACT SWITCHES SMT - 6mm x 6mm

TACT
SWITCHES

NAVIGATION
SWITCHES

PUSHBUTTON
SWITCHES

TOGGLE
SWITCHES

ROCKER
SWITCHES

SLIDE
SWITCHES

SNAP-ACTION
SWITCHES

DIP
SWITCHES

KEYLOCK
SWITCHES

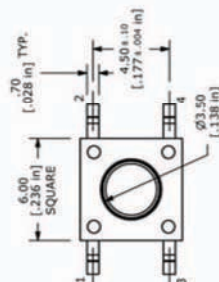
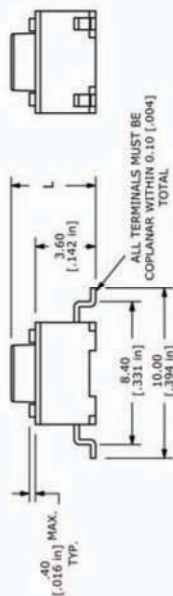
ROTARY
SWITCHES

DETECTOR
SWITCHES

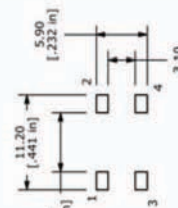
CAP.
OPTIONS

TL 3301

GULL WING
TERMINATION



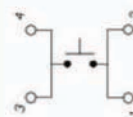
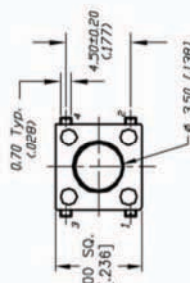
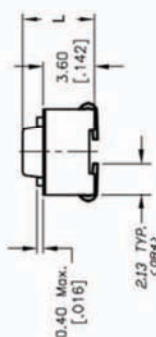
SCHEMATIC



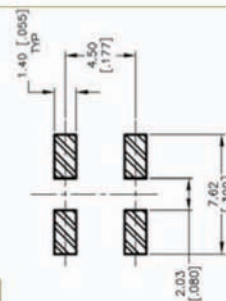
P.C. MOUNTING

TL 3301

J-LEAD
TERMINATION



SCHEMATIC



P.C. MOUNTING

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

E-Switch:

[TL3301NF160RG](#) [TL3301TF160QG](#) [TL3301AF160QG](#) [TL3301NF160QG](#) [TL3301FF160QG](#) [TL3301SPF260QG](#)
[BULK](#) [TL3301SPF160QG](#) [TL3301AF160QJ](#) [TL3301NF160RJ](#) [TL3301SPF160QG-T&R](#) [TL3301NF260QG/TR](#)
[TL3301SPF260QG T/R](#) [TL3301AF260RG](#) [TL3301BF160RJ](#) [TL3301BF260QJ](#) [TL3301CF100QJ](#) [TL3301PF160QJ](#)
[TL3301TF100QG](#) [TL3301SPF260QG](#) [TL3301EF100QG](#) [TL3301NF260QG](#) [TL3301AF260QG](#) [TL3301NF100QG](#)
[TL3301AF100QG](#) [TL3301AF100QJ](#) [TL3301AF160QGSSDOME](#) [TL3301AF160RG](#) [TL3301AF260QJ](#)
[TL3301AF260RJ](#) [TL3301AF520QG](#) [TL3301AF520QJ](#) [TL3301BF100QJ](#) [TL3301BF160QG](#) [TL3301BF160QJ](#)
[TL3301BF160RG](#) [TL3301BF260QG](#) [TL3301CF100QG](#) [TL3301CF100RG](#) [TL3301CF160QG](#) [TL3301CF160QJ](#)
[TL3301CF160RG](#) [TL3301CF160RJ](#) [TL3301CF260QG](#) [TL3301CF260QJ](#) [TL3301DF100QJ](#) [TL3301DF160QG](#)
[TL3301DF160QJ](#) [TL3301DF160RG](#) [TL3301DF260QG](#) [TL3301DF260QJ](#) [TL3301EF100QJ](#) [TL3301EF160QG](#)
[TL3301EF160QJ](#) [TL3301EF260QG](#) [TL3301FF100QG](#) [TL3301FF100QJ](#) [TL3301FF160QJ](#) [TL3301FF260QG](#)
[TL3301FF260QJ](#) [TL3301LF260QG](#) [TL3301NF100QJ](#) [TL3301NF160QJ](#) [TL3301NF260QJ](#) [TL3301NF260RG](#)
[TL3301PF100QG](#) [TL3301PF160QG](#) [TL3301PF260QG](#) [TL3301SPF100QG](#) [TL3301SPF100RG](#)
[TL3301SPF160QG1RBLK](#) [TL3301SPF160QG94VO](#) [TL3301SPF160QJ](#) [TL3301SPF160RGTAPE](#) [TL3301SPF260QJ](#)
[TL3301TF160QJ](#) [TL3301TF160RG](#) [TL3301TF260QG](#) [TL3301TF500QG](#) [TL3301TF260RJ](#) [TL3301TF260RG](#)
[TL3301AF160RJ](#) [TL3301DF250RG](#) [TL3301FF100RG](#) [TL3301TF160QG-TUBE](#) [TL3301DF260RG](#) [TL3301AF100RJ](#)
[TL3301FF160RJ](#) [TL3301FF260RG](#) [TL3301SPF160RG](#) [TL3301SPF260RG](#) [TL3301BF500QG](#)
[TL3301BF160QGTAPE/REELPKG](#) [TL3301NF160QGSSDOME](#)