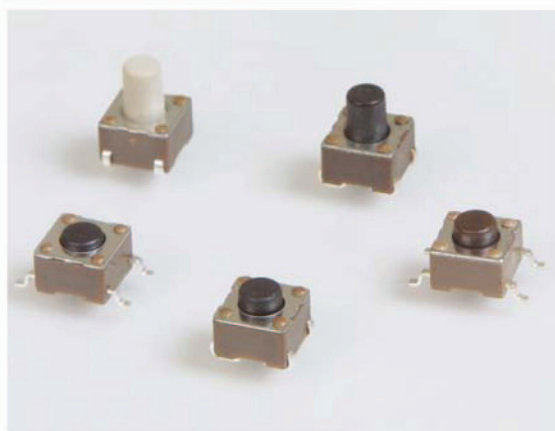




E-SWITCH®

# SERIES TL 3301 SWITCHES

TACT SWITCHES SMT - 6mm x 6mm



## FEATURES & BENEFITS

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

## APPLICATIONS/MARKETS

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

## 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

## MATERIALS

Housing:	PPS or Nylon
Actuator:	PPS or Nylon
Bracket/Cover:	Tin plated steel
Contacts:	Gold or silver plated phosphor bronze
Terminals:	Gold or silver plated brass

## HOW TO ORDER

SERIES	MODEL NO.	ACTUATOR* ("L" Dimension)	OPERATING FORCE	CONTACT MATERIAL	TERMINATION
TL	3301	T = 2.4mm <input type="checkbox"/> SP = 2.8mm <input type="checkbox"/> 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

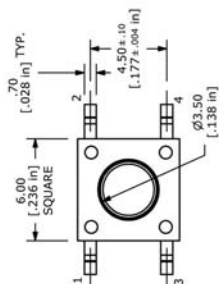
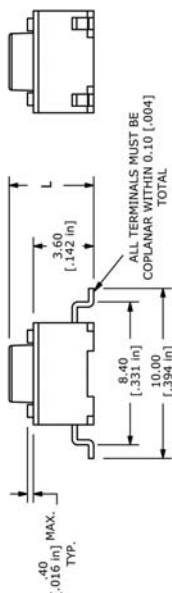
ROTARY  
SWITCHES

DETECTOR  
SWITCHES

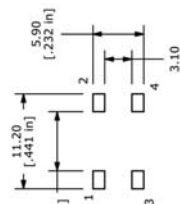
CAP  
OPTIONS

## TL 3301

GULL WING  
TERMINATION



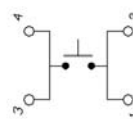
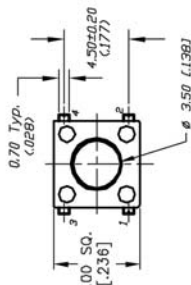
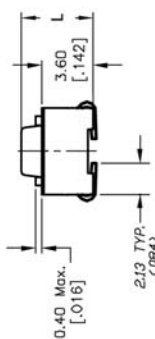
SCHEMATIC



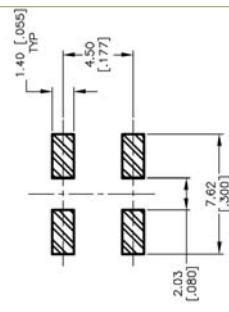
P.C. MOUNTING

## TL 3301

J-LEAD  
TERMINATION

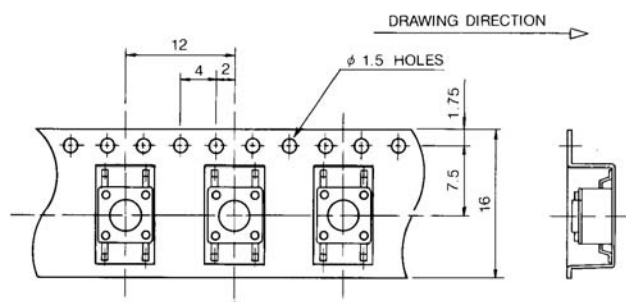
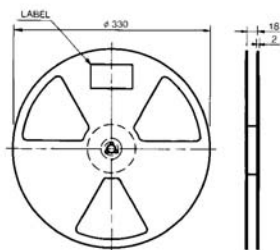


SCHEMATIC



P.C. MOUNTING

## TL 3301 STANDARD REEL



Note: Contact E-Switch for additional packaging options.