

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

# SERIES TL1105 SWITCHES

TACT SWITCHES - 6mm x 6mm



## FEATURES & BENEFITS

- ▶ Reliable dome contact technology
- ▶ Strong tactile/audible feedback
- ▶ Multiple operating force options

## APPLICATIONS/MARKETS

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

## SPECIFICATIONS

Contact Rating:	50mA @ 12 VDC (50mA @ 50VDC-gold)
Life Expectancy:	100,000 cycles
Contact Resistance:	100mΩ max., typical @ 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, 250 ± 50 gf
Operating Temperature:	-40°C to 85°C
Travel:	0.25 Typ

## MATERIALS

Housing:	Nylon or PBT
Actuator:	Nylon, Acetal or PBT
Cover:	Polyester
Contacts:	Gold or silver plated
Terminals:	Silver plated brass



## HOW TO ORDER

SERIES	MODEL NO.	ACTUATOR ("L" Dimension)	OPERATING FORCE	CONTACT MTL/ TERMINATION	CAP (Where Avail.)	CAP COLOR
TL TLE = Earth Ground	1105	(None) = 4.3mm A = 5.0mm B = 9.5mm C = 8.0mm D = 13.0mm E = 7.3mm F = 7.0mm G = 9.7mm H = 12.5mm K = 13.5mm L = 17.0mm P = 8.5mm Y = 16.3mm T = 2.4mm <input type="checkbox"/> SP = 2.8mm <input type="checkbox"/>	F100 F160 F250	Q = Silver R = Gold	See Cap Options Caps available for SP option only.	

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

TL	1105 (Rt. Angle)	V = 3.85mm W = 3.15mm X = 5.85mm R = 6.15mm M = 6.85mm S = 8.35mm N = 11.85mm Q = 15.85mm J = 2.4mm <input type="checkbox"/> JA = 2.8mm <input type="checkbox"/>	F100 F160 F250	Q = Silver R = Gold	See Cap Options Caps available for JA option only.
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☐ – Square Snap-on Actuator Head  
"L" Dimension is 6.35mm



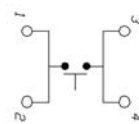
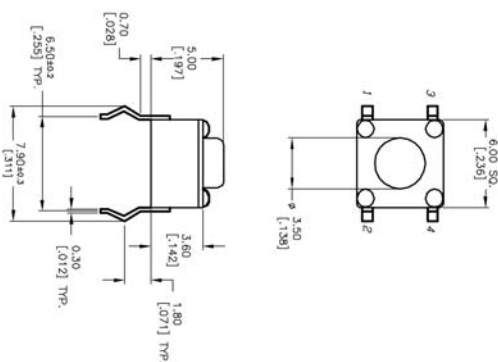
## Example Ordering Number

TL-1105-SP-F160-Q-1R RED

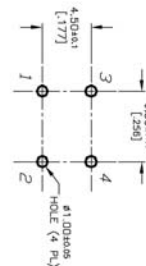
Specifications subject to change without notice 2.28.2018



## TL 1105



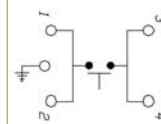
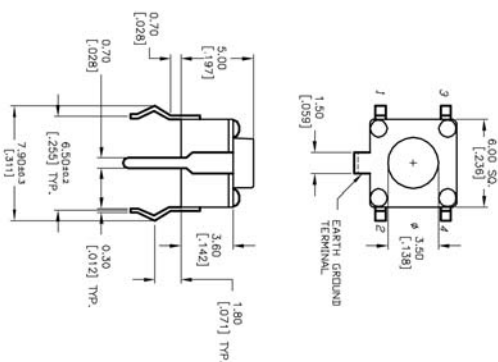
SCHEMATIC



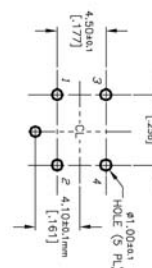
P.C. MOUNTING

## TLE 1105

TLE (EARTH TERMINAL)



SCHEMATIC

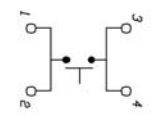
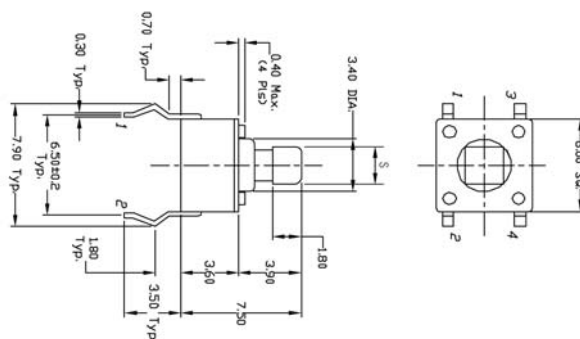


P.C. MOUNTING

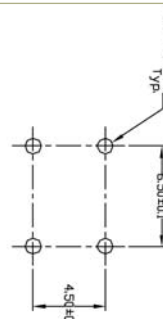
## TL 1105 T



Model No.	'S' Dim.
TL1105T	2.4 mm
TL1105SP	2.8 mm



SCHEMATIC



P.C. MOUNTING

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TACT SWITCHES - 6mm x 6mm

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SWITCHES

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SWITCHES

TOGGLE  
SWITCHES

ROCKER  
SWITCHES

SLIDE  
SWITCHES

SNAP-ACTION  
SWITCHES

DIP  
SWITCHES

KEYLOCK  
SWITCHES

ROTARY  
SWITCHES

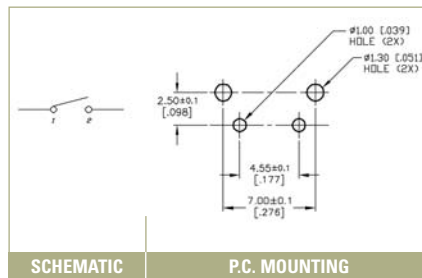
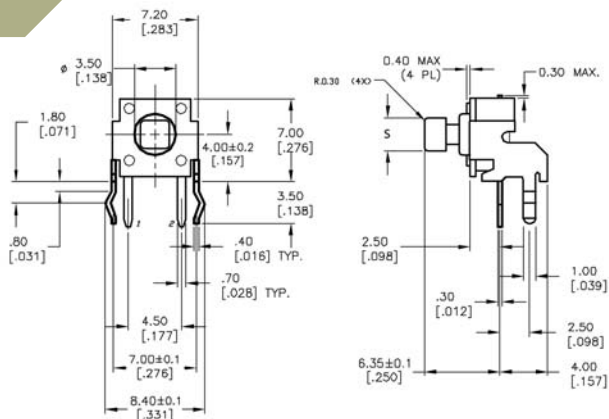
DETECTOR  
SWITCHES

CAP  
OPTIONS

## TL 1105 J



Model No.	'S' Dim.
TL1105J	2.4 mm
TL1105JA	2.8 mm

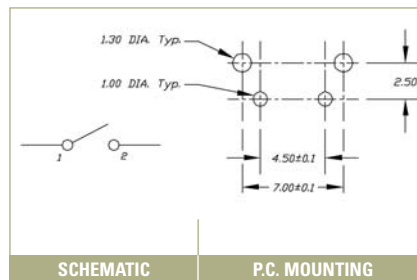
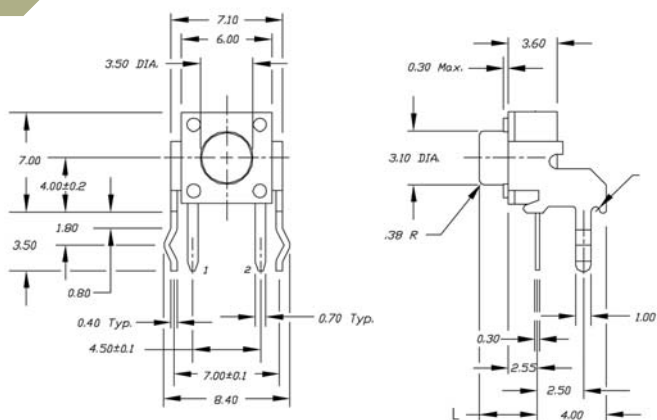


SCHEMATIC

P.C. MOUNTING

## TL 1105

RIGHT ANGLE



SCHEMATIC

P.C. MOUNTING