

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

SERIES TL1105 SWITCHES

TACT SWITCHES - 6mm x 6mm



SPECIFICATIONS

Contact Rating:	50mA @ 12 VDC (5
Life Expectancy:	100,000 cycles
Contact Resistance:	100mΩ max., typic 100mA for both sil
Insulation Resistance:	100MΩ min.
Dielectric Strength:	250 VAC
Actuation Force:	100 ± 50 gf, 160 ± 5
Operating Temperature:	-20°C to 70°C
Travel:	0.25 Typ

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

HOW TO ORDER

SERIES	MODEL NO.	ACTUATOR ("L" Dimension)	OPERATING FORCE	CONTACT MTL/TERMINATION	CAP (Where Avail.)	CAP COLOR
TL TLE = Earth Ground LL = Long Life	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 (Not available for LL Series) L = 17.0mm P = 8.5mm Y = 16.3mm T = 2.4mm ☐ SP = 2.8mm ☐	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

Note: Contact E-Switch for additional Operating Force Options.

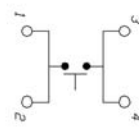
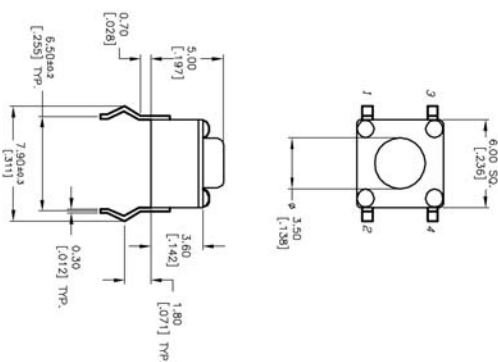
TL LL = Long Life	1105 (Rt. Angle)	V = 3.85mm W = 3.15mm X = 5.85mm R = 6.15mm M = 6.85mm S = 8.35mm N = 11.85mm Q = 15.85mm J = 2.4mm ☐ JA = 2.8mm ☐	F100 F160 F250	Q = Silver R = Gold	See Cap Options Caps available for JA option only.
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Example Ordering Number
TL-1105-SP-F160-Q-1R RED

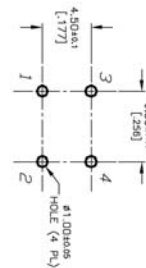
☐ - Square Snap-on Actuator Head
"L" Dimension is 6.35mm

Specifications subject to change without notice.

TL 1105/LL 1105



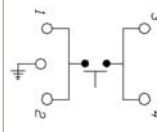
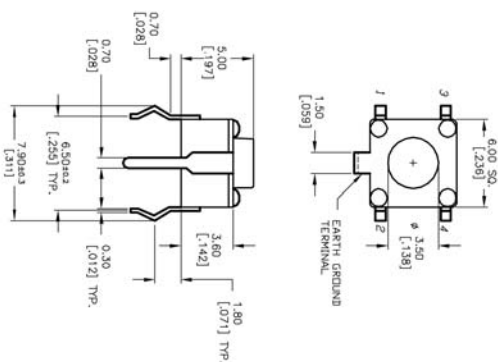
SCHEMATIC



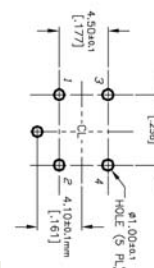
P.C. MOUNTING

TLE 1105

TLE (EARTH TERMINAL)



SCHEMATIC

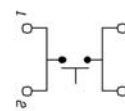
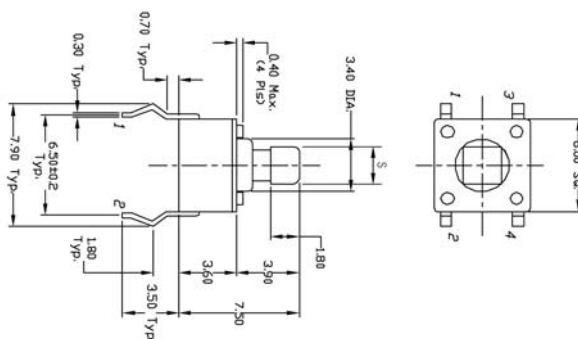


P.C. MOUNTING

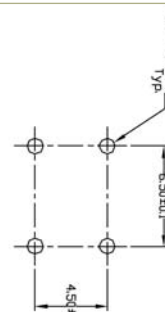
TL 1105 T



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



SCHEMATIC



P.C. MOUNTING



SERIES TL1105 SWITCHES

TACT SWITCHES - 6mm x 6mm

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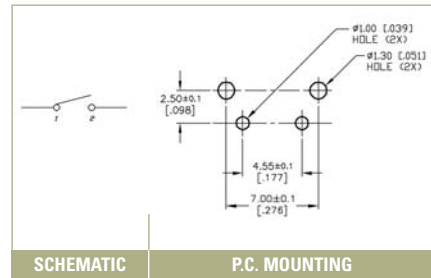
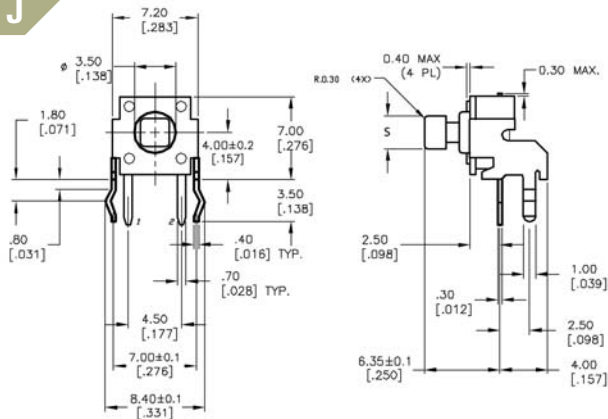
DETECTOR
SWITCHES

CAP
OPTIONS

TL 1105 J/LL 1105 J



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

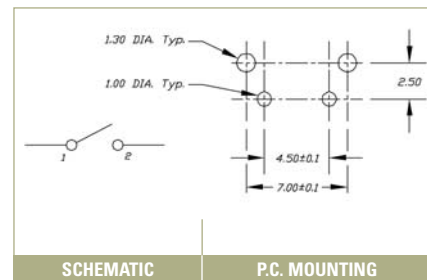
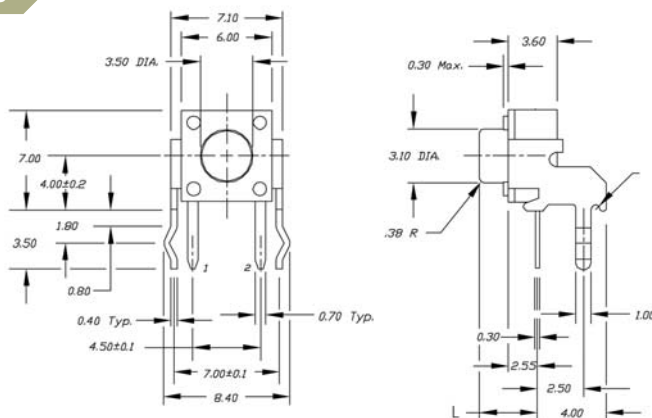


SCHEMATIC

P.C. MOUNTING

TL 1105/LL 1105

RIGHT ANGLE



SCHEMATIC

P.C. MOUNTING