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:	-20°C to 70°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 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.	
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.	

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

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

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

Example Ordering Number

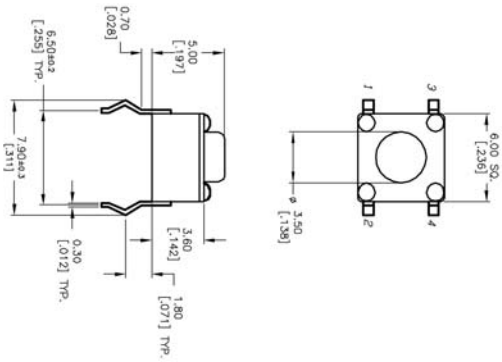
TL–1105–SP–F160–Q–1R RED

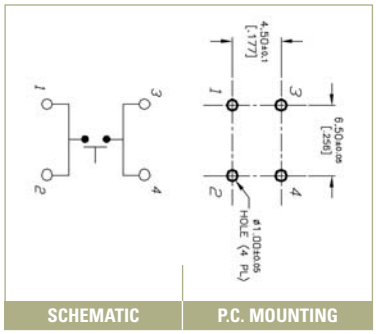
Specifications subject to change without notice.

E•SWITCH®
Phone: 800-867-2717
Fax: 763-531-8235

TL 1105/LL 1105



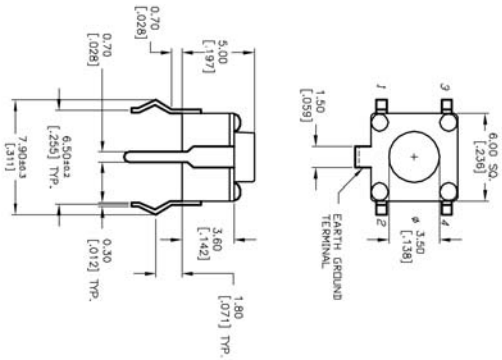


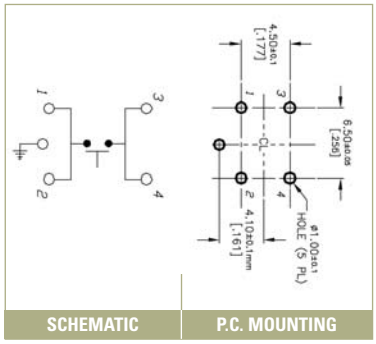


TLE 1105

TLE (EARTH TERMINAL)



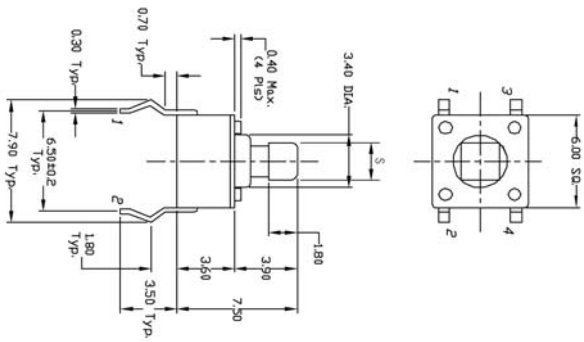


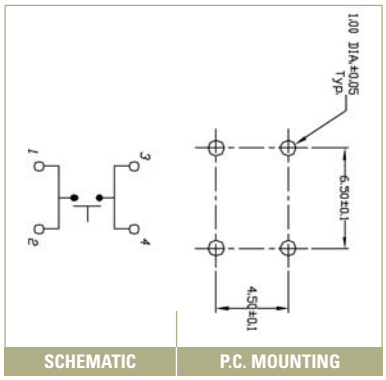


TL 1105 T



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





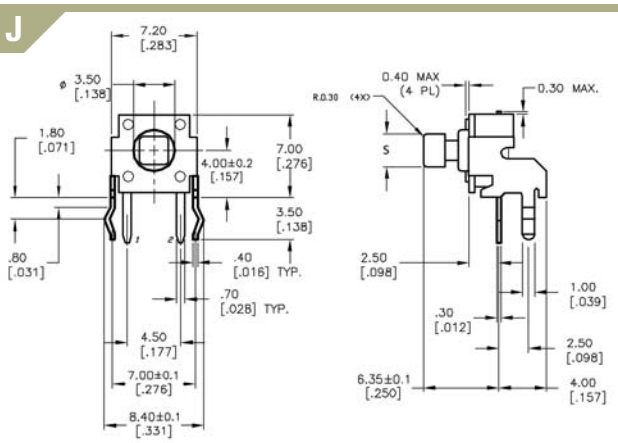
SERIES TL1105 SWITCHES

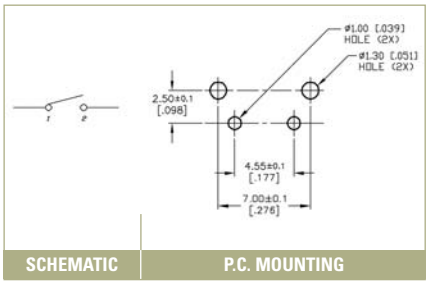
TACT SWITCHES - 6mm x 6mm

TL 1105 J/LL 1105 J



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





TL 1105/LL 1105

RIGHT ANGLE



