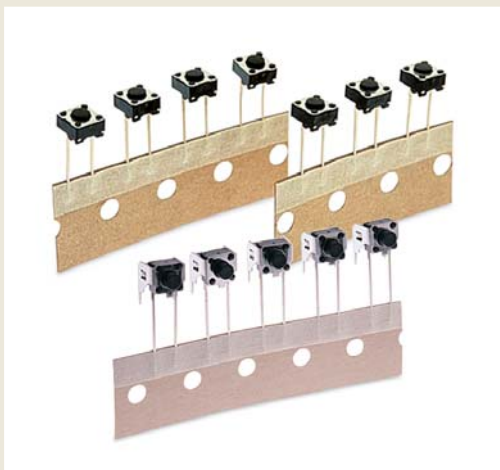




E-SWITCH™

SERIES TL59/TL58 SWITCHES

TACT SWITCHES RADIAL LEAD



FEATURES & BENEFITS

- ▶ Designed for automatic feed
- ▶ Radial lead packaging

APPLICATIONS/MARKETS

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

SPECIFICATIONS

Contact Rating:	50mA @ 12 VDC
Life Expectancy:	100,000 cycles
Contact Resistance:	100mΩ max., typical @ 2-4 VDC 100mA for both silver 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:	Polybutylene Terephthalate (PBT) or 6/6 Nylon
Actuator:	Polybutylene Terephthalate (PBT) or 6/6 Nylon
Bracket/Cover:	Tin plated steel
Contacts:	Silver plated phosphor bronze
Terminals:	Silver plated brass



HOW TO ORDER

SERIES	MODEL NO.	ACTUATOR ("L" Dimension)	OPERATING FORCE	CONTACT MATERIAL
TL	59	N = 4.3mm A = 5.0mm B = 9.5mm C = 8.0mm F = 7.0mm E = 7.3mm P = 8.5mm SP = 2.8mm ☐	F100 F160 F260	Q = Silver



Example Ordering Number

TL-59-N-F160-Q

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

TL	58 Right Angle	V = 3.85mm W = 3.15mm X = 4.75mm	F100 F160 F260	Q = Silver
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Specifications subject to change without notice.



SERIES TL59/TL58 SWITCHES

TACT SWITCHES RADIAL LEAD

TACT
SWITCHES

NAVIGATION
SWITCHES

PUSHBUTTON
SWITCHES

TOGGLE
SWITCHES

ROCKER
SWITCHES

SLIDE
SWITCHES

SNAP-ACTION
SWITCHES

DIP
SWITCHES

KEYLOCK
SWITCHES

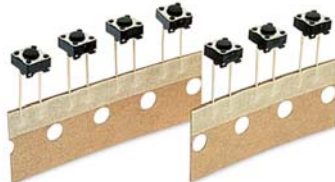
ROTARY
SWITCHES

DETECTOR
SWITCHES

CAP
OPTIONS

TL 59

STANDARD RADIAL LEAD



Actuator Length (L) in mm

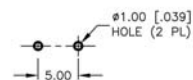
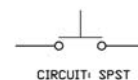
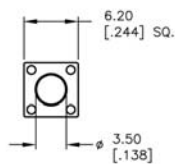
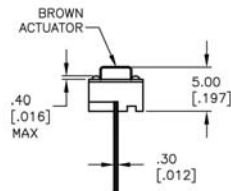
N = 4.3	C = 8.0	P = 8.5
A = 5.0	F = 7.0	SP = 2.8 ☐
B = 9.5	E = 7.3	

Operating Force

F100 = 100 ± 50gf

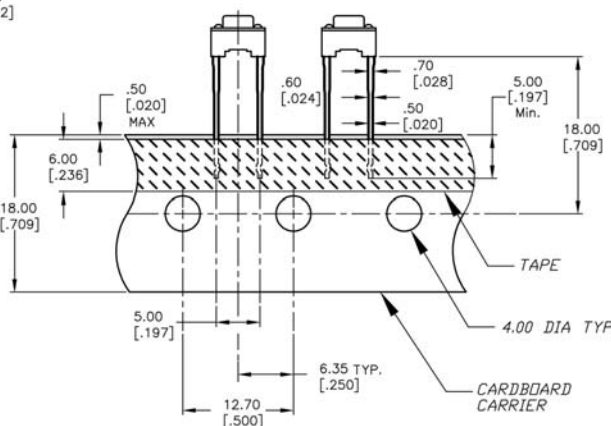
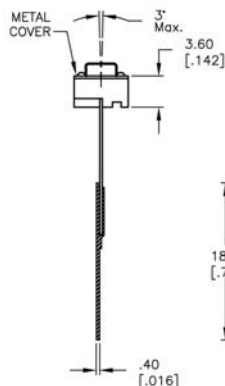
F160 = 160 ± 50gf

F260 = 260 ± 50gf



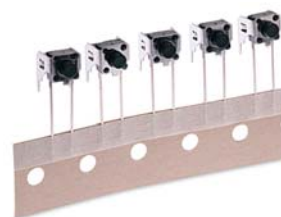
SCHEMATIC

P.C. MOUNTING



TL 58

RIGHT ANGLE RADIAL LEAD



Actuator Length (L) in mm

V = 3.85

W = 3.15

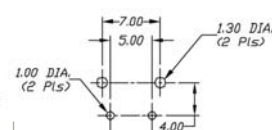
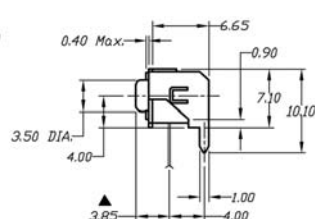
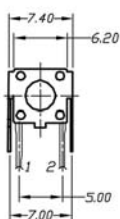
X = 4.75

Operating Force

F100 = 100 ± 50gf

F160 = 160 ± 50gf

F260 = 260 ± 50gf



SCHEMATIC

P.C. MOUNTING

