



SERIES TL59/TL58 SWITCHES

TACT SWITCHES RADIAL LEAD



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

FEATURES & BENEFITS

- ▶ Designed for automatic feed
- ▶ Radial lead packaging

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 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

☐ – 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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Example Ordering Number

TL-59-N-F160-Q

Specifications subject to change without notice.

TACT
SWITCHES

NAVIGATION
SWITCHES

PUSHBUTTON
SWITCHES

TOGGLE
SWITCHES

ROCKER
SWITCHES

SLIDE
SWITCHES

SNAP-ACTION
SWITCHES

DIP
SWITCHES

KEYLOCK
SWITCHES

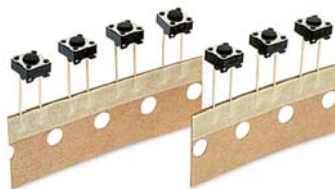
ROTARY
SWITCHES

DETECTOR
SWITCHES

CAP
OPTIONS



TL 59

STANDARD
RADIAL LEAD

Actuator Length (L) in mm

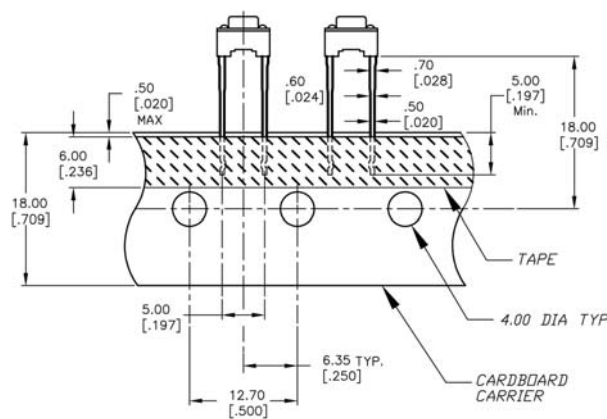
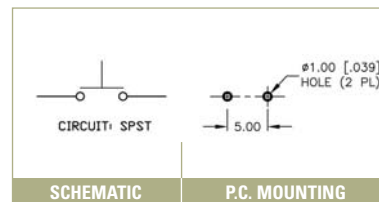
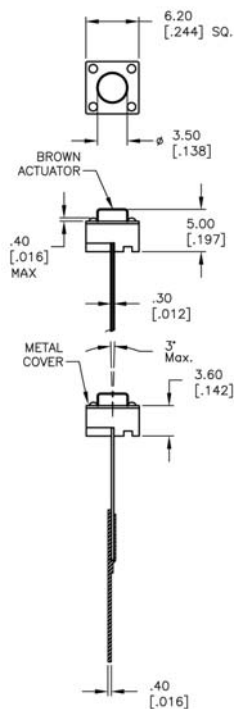
N = 4.3	C = 8.0	P = 8.5
A = 5.0	F = 7.0	SP = 2.8 □
B = 9.5	E = 7.3	

Operating Force

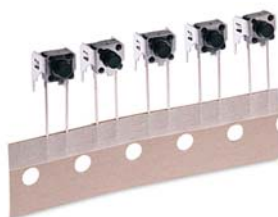
F100 = 100 ± 50gf

F160 = 160 ± 50gf

F260 = 260 ± 50gf



TL 58

RIGHT ANGLE
RADIAL LEAD

Actuator Length (L) in mm

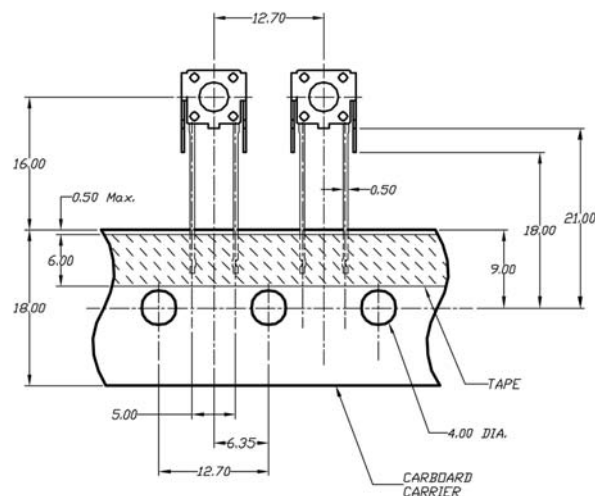
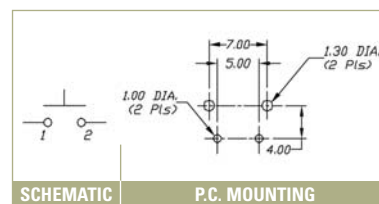
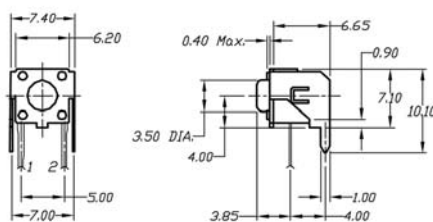
V = 3.85
W = 3.15
X = 4.75

Operating Force

F100 = 100 ± 50gf

F160 = 160 ± 50gf

F260 = 260 ± 50gf

TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHESSLIDE
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SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS

Mouser Electronics

Authorized Distributor

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E-Switch:

[TL58XF160Q](#) [TL58VF100Q](#) [TL58VF160Q](#) [TL58WF100Q](#) [TL58WF160Q](#)