



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 <input type="checkbox"/>	F100 F160 F260	Q = Silver

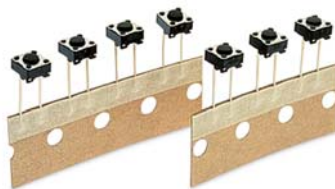
☐ – Square Snap-on Actuator Head
"L" Dimension is 7.5mm

TL	58 Right Angle	V = 3.85mm W = 3.15mm X = 4.75mm	F100 F160 F260	Q = Silver
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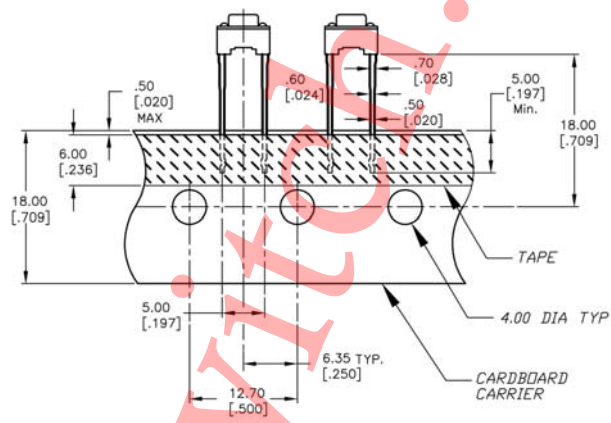
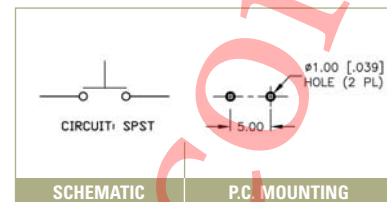
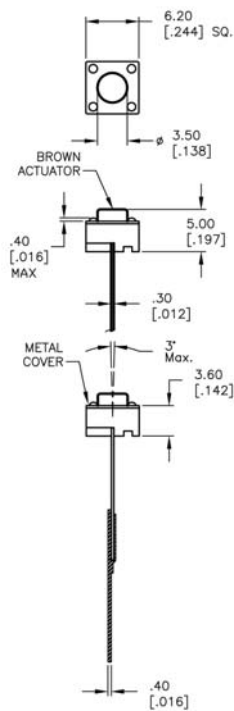
Example Ordering Number
TL-59-N-F160-Q

Specifications subject to change without notice.

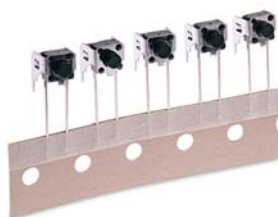
STANDARD RADIAL LEAD



Operating Force

$$\begin{aligned} F_{100} &= 100 \pm 50\text{gf} \\ F_{160} &= 160 \pm 50\text{gf} \\ F_{260} &= 260 \pm 50\text{gf} \end{aligned}$$


RIGHT ANGLE
RADIAL LEAD



Operating Force

$$\begin{aligned} F_{100} &= 100 \pm 50\text{gf} \\ F_{160} &= 160 \pm 50\text{gf} \\ F_{260} &= 260 \pm 50\text{gf} \end{aligned}$$
