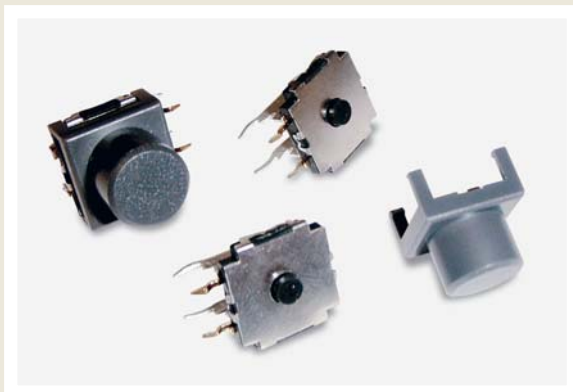




SERIES TL 6190 SWITCHES

TACT SWITCHES - SEALED RIGHT ANGLE



FEATURES & BENEFITS

- ▶ Reliable dome technology
- ▶ Strong tactile force
- ▶ Multiple operating force
- ▶ Process sealed
- ▶ Right angle

APPLICATIONS/MARKETS

- ▶ Telecommunications
- ▶ Consumer electronics
- ▶ Audio/visual
- ▶ Medical equipment
- ▶ Computer/servers/peripherals

SPECIFICATIONS

| | |
|---------------------------------|-------------------|
| Contact Rating: | 50mA@12 VDC |
| Life Expectancy (Mechanical): | 100,000 cycles |
| Life Expectancy (Electrical): | 100,000 cycles |
| Contact Resistance: | 100mΩ max. intial |
| Insulation Resistance: | 100MΩ (Min@ 100V) |
| Dielectric Strength: | 500 VDC |
| Actuation Force: | 220 ± 60 gf |
| Operating Temperature (Switch): | -40°C to +105°C |
| Operating Temperature (Button): | -40°C to +85°C |
| Travel: | 0.50 ± 0.20mm |

MATERIALS

| | |
|------------|----------------------|
| Housing: | Nylon |
| Cover: | Stainless Steel |
| Actuator: | Silicone rubber |
| Bracket: | Tin, plated |
| Terminals: | Copper alloy, plated |
| Contact: | Copper alloy, plated |



HOW TO ORDER

| SERIES | MODEL NO. | ACTUATOR ("L" Dimension) | OPERATING FORCE | PLATING | BUTTON | BUTTON COLOR |
|--------|-----------|--------------------------|----------------------|------------------------|-----------|---|
| TL | 6190 | A = 2.90mm | F160 F220 F320 | Q = Silver R = Gold | R = Round | GRY = Gray BLK = Black WHT = White RED = Red |



Example Ordering Number

TL-6190-A-F220-Q-R-GRY

Specifications subject to change without notice.

TL 6190

