

**IMMEDIATE RELEASE**

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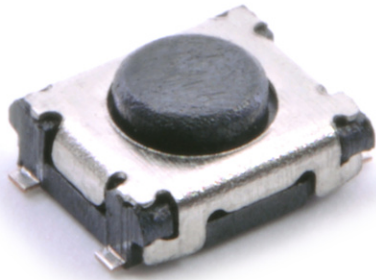
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# TL1018 SERIES TACT SWITCH

### HIGHLIGHT FEATURES -

The TL1018 Series is a surface mount tact switch measuring 3.5 x 2.6mm in size and with a life expectancy of up to 500,000 cycles. These tactile switches are rated for up to 50mA, 12VDC and can be stored and operated in temperatures ranging from -40°C to 85°C. They have four different actuation force options (160gf, 240gf, 340gf, 450gf) and a ground terminal option.



### STANDARD FEATURES -

The TL1018 Series is delivered with silver contact and gull-wing termination in tape and reel packaging for automated installation (9,500 pcs/reel). These SMT tact switches feature Single Pole, Single Throw (SPST) circuits with Off-(On) functionality.

### APPLICATIONS -

With its electrical rating, life expectancy and overall dependability, this series is ideal for the following markets and industries:



CONSUMER ELECTRONICS



AUDIO/VISUAL



MEDICAL EQUIPMENT



INSTRUMENTATION



COMPUTER PERIPHERALS



TELECOMMUNICATION

### SPECIFICATIONS INCLUDE -

- Electrical Rating:** 50mA, 12VDC
- Contact Resistance:** 100mΩ Max. (Initial)
- Insulation Resistance:** 100mΩ Min. at 500VDC
- Dielectric Strength:** 250VAC for 1 Minute
- Life Cycles:** 500,000 cycles for 160gf  
200,000 cycles for 240gf, 340gf, and 450gf
- Operating Temperature:** -40°C to 85°C
- Storage Temperature:** -40°C to 85°C
- Travel:** 0.15mm ±0.1mm
- Operating Force:** F160 - 160 ±50gf, F240 - 240 ±70gf,  
F340 - 340 ±70gf, and F450 - 450 ±80gf
- Function:** SPST, Off-(On)
- Packaging:** Tape and Reel, 9,500 pcs/reel



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