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TL6400 Series Miniature Tactile Switch Rated IP67

MINNEAPOLIS, MN, October 3, 2022 --- The TL6400 tactile series is a miniature surface mount switch and provides two actuator heights – 4.30mm or 5.0mm with a tactile response. Rated IP67 for dust and moisture protection, the TL6400 series provides j-bend termination, 160gf (black) or 260gf (white) operating force options and up to 50,000 cycle life expectancy in a 6.00mm x 3.50mm footprint.

Additional features include SPST Off-(On) function; 50mA, 12VDC contact rating, dielectric strength of 250VAC for 1 minute; operating and storage temperatures range from -40°C to 85°C; travel is 0.15mm ± 0.10mm and comes in tape and reel packaging (A – 1,800 pc/reel, B – 1,500 pc/reel).

This tactile series is suitable for audio/visual equipment, computer peripherals, computer electronics, medical equipment, telecommunication devices, and test & instrumentation equipment.

Specifications include:

Contact Rating: 50mA, 12VDC

Electrical Life: 300,000 Cycles

Contact Arrangement: SPST Off – (On)

Contact Resistance: 100m Ω Max. Initial)

Insulation Resistance: 100MΩ @100 VDC

Dielectric Strength: 250VAC for 1 minute

Operating Temperature: -40°C to 85°C

Storage Temperature: -40°C to 85°C

Moisture Protection: IP67

Operating Force: 260 gf ± 70gf – 50,000 cycles

160 gf ± 50gf – 30,000 cycles

Bounce: 10msec Max

Travel: 0.15mm ± 0.10mm



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E-Switch offers one of the broadest switch lines available today and has been delivering innovative and quality switches to the electronics, telecom, high tech, medical, instrumentation, industrial, audio/visual, appliance markets since 1979.

Headquartered in Minneapolis, Minnesota, with offices in Singapore and Hong Kong, E-Switch's global reach extends to Europe, Asia, and Latin America. Products include Tact, Pushbutton, Rocker, Toggle, Slide, DIP, Rotary, Keylock, Snap Action, Power, Illuminated Switches and more. E-Switch has local reps, engineers, and account managers on hand to provide specifying assistance and quick response to 3D drawing requests and other inquiries, along with a top-notch sample program that allows engineers to examine and qualify switches for end-product applications.
