Distinctive Characteristics

Top or side actuation permits flexible board design.

Bright, LED illumination at tip of actuator.

Compact dimensions and low profile allow high density mounting and close stacking of PC boards.

Crisp actuation positively indicates circuit status.

Double molded thermoset base and thermoplastic housing prevent loosening of terminals due to high soldering temperatures.

Sliding twin contact mechanism with self-cleaning action provides smooth actuation and produces high contact reliability.

Insert molded terminals lock out flux, solvents, and other contaminants.

Inch terminal spacing for standard PC board grid (.100" x .100").







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Rotaries

Toggles

Rockers

Keylocks Programmable Illuminated PB Pushbuttons

Touch

Series SS

General Specifications

Electrical Capacity (Resistive Load)

Power Level: 0.1A @ 30V DC

Other Ratinas

Contact Resistance:	20 milliohms maximum
Insulation Resistance:	100 megohms minimum @ 500V DC
Dielectric Strength:	500V AC minimum for 1 minute minimum
Mechanical Life:	10,000 operations minimum
Electrical Life:	10,000 operations minimum
Contact Timing:	Shorting (make-before-break)
Total Travel:	.079″ (2.0mm)

Materials & Finishes

Polyacetal
Polyacetal
Glass fiber reinforced polyester
Phosphor bronze with silver plating
Phenolic resin (thermoset)
Brass with silver plating over copper plating

Environmental Data

les	Operating Temperature Range:	–15°C through +60°C (+5°F through +140°F)
Slides H	Humidity:	90 ~ 95% humidity for 96 hours @ 40°C (104°F)
	Vibration:	10 ~ 55Hz with peak-to-peak amplitude of 1.5mm traversing the frequency range
		& returning in 1 minute; 3 right angled directions for 2 hours
S	Shock:	50G (490m/s ²) acceleration (tested in 6 right angled directions, with 5 shocks in each direction)
ictile		

PCB Processing

Soldering: Wave Soldering: For non-supported through-hole, see Profile B in Supplement section. For supported through-hole, 5 seconds maximum @ 250°C maximum. Manual Soldering: See Profile B in Supplement section. **Cleaning:** These devices are not process sealed. Hand clean locally using alcohol based solution.

Standards & Certifications

The SS series devices have not been tested for UL recognition and CSA certification. These switches are designed for use in a low-voltage, low-current circuit. When used as intended in a low-voltage, low-current circuit, the results do not produce hazardous energy.

Tactiles



Series SS



Single Pole Models





. (13.0) ~.512

<(9.0) .354

Series SS

Toggles

Rockers

Programmable Illuminated PB Pushbuttons

Keylocks

Rotaries

Tactiles

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Touch

Indicators

Accessories

Supplement





AT4065 Slide Cap

Material: Polycarbonate

Cap can be assembled on request

Cap Color: Black only



Window color should match LED color.

Colors Available:

C Red E Yellow F Green

