

Low Profile Series FSMCT Tactile Switches, .196 [5.0] x .196 [5.0], Surface Mount

MATERIAL SPECIFICATIONS:

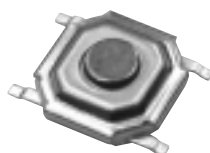
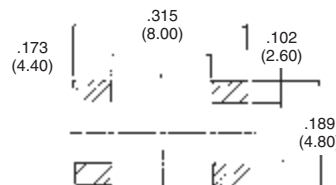
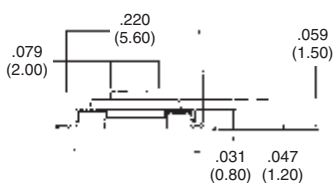
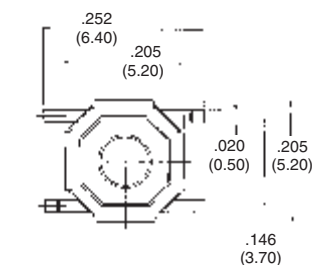
Cover	Nickel Silver
Stem/Actuator	Brass-.7" Lead
	Brass nickel plate-gullwing
Contacts:	
Moving	Stainless Steel, Silver Clad-Plate
Fixed/Terminal	Copper Alloy, Silver-Plate
Case	Nylon, UL94V-0

TYPICAL PERFORMANCE CHARACTERISTICS:

Contact Rating	20mA @ 15VDC
Initial Contact Resistance	100MilliOhms Max
Insulation Resistance	100Megaohms @ 100VDC Min.
Dielectric Strength	500 VAC for 1 minute
Actuation Travel	0.25 +0.1/-0.2
Life Expectancy	Up to 500,000 and 1,000,000 Cycles

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature	-4 to +185°F (-20 to +85°C)
Storage Temperature	-22 to +185°F (-30 to +85°C)
Resistance to solder heat	Per EIA-364-56A, Procedure 4 & 5, Level 3
Solderability	Per EIA-364-52, Class 2, Category 1, Temp. 473°F (245°C) max., Time 2.5 seconds max., 95% minimum coverage.



Tyco Electronics	Alcoswitch	Type	Force	Life Cycle
8-1437565-0	FSMCTTR	SPST	160±50	1,000,000
8-1437565-1	FSMCTATR	SPST	260±50	500,000

“J” lead option in development. Contact factory for additional information.