

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

**MATERIAL SPECIFICATIONS:**

Cover .....Nickel Silver  
Stem/Actuator .....Brass-"J" Lead  
Brass nickel plate-gullwing

**Contacts:**

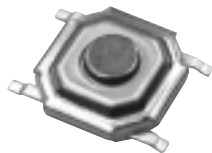
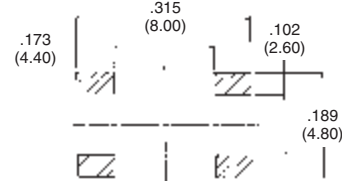
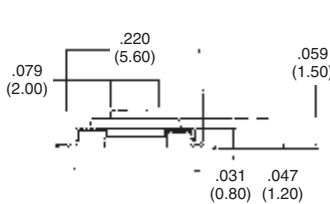
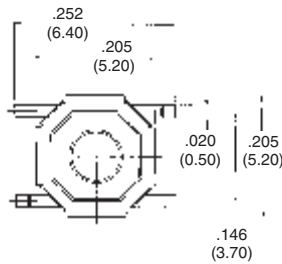
Moving .....Stainless Steel, Silver Clad-Plate  
Fixed/Terminal .....Copper Alloy, Silver-Plate  
Case .....Nylon, UL94V-0

**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.

**E**  
FSMCT/FSMCTJA Series