



RECOMMENDED MOUNTING PATTERN

Specifications:
 Single Pole Double Throw
 Break-Before-Make

Materials:
 Actuator, POM, UL94-HB
 Board, Phenolic Laminated Sheet, UL94-HB
 Frame, Steel, Nickel plate
 Terminal, Copper Alloy, Silver over Copper plate, or Gold over Copper plate
 Contact Clip, Copper Alloy, Silver or Gold plate
 Coil Spring, Galvanized Spring wire
 Seal, Epoxy

Electrical:
 Maximum Contact Rating, .5A@50VDC (Silver) or .4A@20VDC (Gold), Per EIA-448, Method 6
 Minimum Contact rating 1milliamp@ 5V DC
 Initial Contact resistance, 50 milliohms max, Per EIA-364-23B, each position
 Insulation Resistance, 100 Megohm Min @ 500V DC, Per EIA-364-21C each position
 Dielectric strength, 500 V AC, Per EIA-364-20B, Condition 1, each position.

Mechanical:
 Actuation force, 100-400 GF
 Actuation Travel, 3.2mm
 Life Expectancy, 10,000 cycles, Per EIA-448, Method 8 and 9
 Vibration, Per EIA 364-28, Condition VII, Level E
 Mechanical Shock, Per EIA-364-27, Condition A

Environmental:
 Operating Temperature, -20 to +70 degrees C, Per EIA 448, Method 10
 Storage Temperature, -25 to +80 degrees C @ 40% R.H.
 Humidity and Temperature Cycling Per EIA-364-31B, Method III
 Temperature Life Per EIA-364-17B, Method B, Temperature Test Condition 3, Time Condition B
 Thermal Shock, Per EIA-364-32C, -25 to 70 degrees C
 Solderability, Per EIA-364-52, Class 2, Category 1, 95% Minimum coverage
 Resistance to Solder Heat, Per EIA-364-56A, Procedure 3, Condition B

Mark Per TYCO Specification 202-37

GOLD	1571671-2
SILVER	1571671-1
PLATING	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DNW R BROWN 10SEP03	Tyco Electronics Corporation Harrisburg, PA
DIMENSIONS:		CHK M SARVER 10SEP03	
MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M SARVER 10SEP03	NAME
0 PLC	± -	PRODUCT SPEC	SLIDE SWITCH
1 PLC	± 0.3 [0.12]	APPLICATION SPEC	SPDT
2 PLC	± -	SIZE	CAGE CODE
3 PLC	± -	WEIGHT	DRAWING NO
4 PLC	± -	A1	00779
ANGLES	± -	RESTRICTED TO	
MATERIAL	FINISH	CUSTOMER DRAWING	
		SCALE	4:1
		SHEET	1 OF 1
		REV	C