

**SPECIFICATIONS**  
 MAKE-BEFORE-BREAK

**MATERIALS:**  
 ACTUATOR- POM, UL94HB BLACK  
 TERMINAL BOARD- PHENOLIC LAMINATED SHEET, UL94HB, NATURAL  
 FRAME- STEEL, NICKEL PLATE  
 TERMINAL/FIXED CONTACT- COPPER ALLOY, GOLD OR SILVER OVER NICKEL PLATE  
 MOVING CONTACT- COPPER ALLOY, GOLD OR SILVER OVER NICKEL PLATE  
 DETENT BALL- STEEL  
 COIL SPRING- GALVANIZED SPRING WIRE  
 SEAL- EPOXY

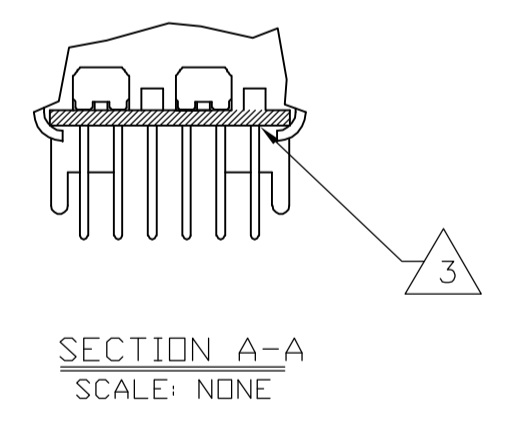
**ELECTRICAL:**  
 CONTACT RATING- .4VA@20VDC OR PEAK AC (GOLD); 300mA@125V AC (SILVER)  
 INITIAL CONTACT RESISTANCE- 30 milliohm max.  
 FINAL CONTACT RESISTANCE- 100 milliohm max. (AFTER TEST)  
 INSULATION RESISTANCE- 1,000 Megohms min.  
 DIELECTRIC STRENGTH- 500V RMS@SEA LEVEL  
 LIFE EXPECTANCY- 15,000 CYCLES MIN.

**MECHANICAL:**  
 ACTUATION FORCE- 600+/-300 GRAMS  
 TRAVEL- 2.0 +/-0.50 (.079 +/-0.020)

**ENVIRONMENTAL:**  
 OPERATING TEMPERATURE- -20 TO +85 DEGREES C  
 STORAGE TEMPERATURE- -40 TO +100 DEGREES C  
 RESISTANCE TO SOLDER HEAT PER 109-202, CONDITION B  
 SOLDERABILITY PER EIA-364-52, CLASS 2, CATEGORY 1, 95% MIN COVERAGE

**NOTES:**

- MARK PER 202-37 SPECIFICATION, *tyco*/CHINA MINIMUM REQUIREMENT
- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
- ANTI SOLDER WICK SEAL AT TERMINAL TO BOARD INTERFACE
- ALL PERFORMANCE TESTING WAS DONE IN ACCORDANCE TO TYCO SPECIFICATION 102-2469



1825266-1	MSS425004	SILVER	1 TO 2 4 TO 5 7 TO 8 10 TO 11	2 TO 3 5 TO 6 8 TO 9 11 TO 12
TYCO PART NO.	T&B PART NO.	PLATING		

TERMINALS CONNECTED WHEN SLIDE IS IN POSITION SHOWN.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG: R BROWN 21DEC05	<b>tyco</b> Tyco Electronics Corporation	
DIMENSIONS: mm		CHK: M SARVER 21DEC05	Harrisburg, Pa 17105-3608	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APP'D: M SARVER 21DEC05	NAME: SLIDE SWITCH, MSS 4250 SERIES, DP-DT,	
0 PLC ± -	1 PLC ± 0.3 [.012]	PRODUCT SPEC: -	SIZE: A1	RESTRICTED TO: -
2 PLC ± -	3 PLC ± -	APPLICATION SPEC: -	CAGE CODE: 00779	SCALE: 3:1
4 PLC ± -	ANGLES ± -	WEIGHT: -	DRAWING NO: 1825266	SHEET 1 OF 1
MATERIAL: -	FINISH: -	CUSTOMER DRAWING	REV: A	