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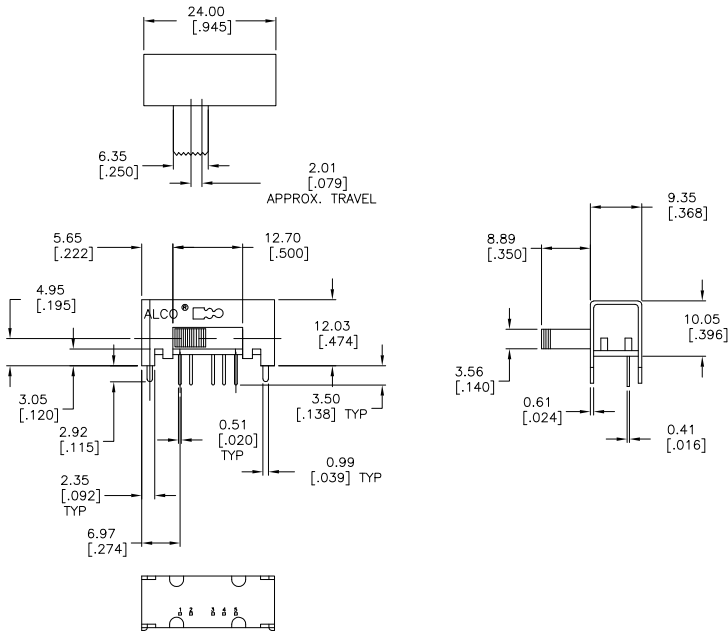
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LOC		DIBT		REVISIONS			
F	LTR	DESCRIPTION	DATE	BY	APP'D		
A		ECO 05 003709	23MAR06	BSV	MS		



**SPECIFICATIONS:**  
 MAKE-BEFORE-BREAK

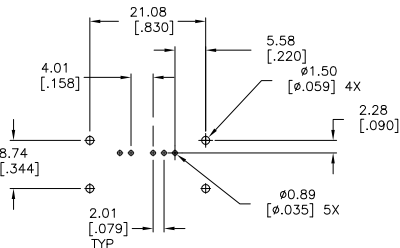
**MATERIALS:**  
 ACTUATOR - NYLON 66 UL94V-0, BLACK"  
 FRAME - TIN PLATED STEEL  
 TERMINAL BOARD - PHENOLIC LAMINATE UL94HB, NATURAL  
 TERMINAL (SILVER) - COPPER ALLOY- SILVER OVER NICKEL PLATE  
 TERMINAL (GOLD) - COPPER ALLOY- TIN OVER NICKEL PLATE  
 FIXED CONTACT (SILVER) - COPPER ALLOY- SILVER OVER NICKEL PLATE  
 MIVING CONTACT (GOLD) - COPPER ALLOY-GOLD OVER NICKEL PLATE  
 MIVING CONTACT (SILVER) - COPPER ALLOY- SILVER OVER NICKEL PLATE  
 MIVING CONTACT (GOLD) - COPPER ALLOY-GOLD OVER NICKEL PLATE  
 DETENT BALL - STAINLESS STEEL  
 COIL SPRING - TEMPERED STEEL 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 - 2.00±0.51[0.079±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:**  
 1. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002 95/EC OF 27JAN2003 (ROHS).  
 2. ANTI SOLDER WICK SEAL AT TERMINAL TO BOARD INTERFACE.



**RECOMMENDED HOLE LAYOUT**  
 TOLERANCE ±.002 UNLESS OTHERWISE NOTED

1,3	2,3	3,4	3,5	SP4T	GOLD	MSSA1450RG04	1825197-2
1,3	2,3	3,4	3,5	SP4T	SILVER	MSSA1450R04	1825197-1
LEFT	LEFT CENTER	RIGHT CENTER	RIGHT	TYPE	CONTACT PLATING	ALCO P/N	TYCO P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIM: TRU-D		23MAR06		Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC:		NAME: SLIDE SWITCH, RA (MSSA-1450R)	
0 P.L.C. ± .01		1 P.L.C. ± .015		APPLICATION SPEC:		SIZE: A2	
2 P.L.C. ± .025 (0.10)		3 P.L.C. ± .03		WEIGHT:		CAGE CODE: 00779	
4 P.L.C. ± .04		ANGLES: ± .01		CUSTOMER DRAWING		DRAWING NO: 1825197	
MATERIAL: SEE SPECIFICATIONS		FINISH: SEE SPECIFICATIONS		SCALE: 2:1		SHEET: 1 of 1	

AMP 1471-9 REV 31MM0200

1825197

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