

HOLE LAYOUT

**SPECIFICATIONS: BREAK-BEFORE-MAKE**

**MATERIALS:**  
 FRAME - STEEL, TIN PLATE  
 ACTUATOR - STEEL, ZINC PLATE  
 SLIDER - POLYCARBONATE UL94V-2, BLACK  
 MOVING CONTACT - COPPER ALLOY, SILVER PLATE  
 FIXED CONTACT/TERMINAL - COPPER ALLOY, SILVER PLATE  
 TERMINAL BOARD - PHENOLIC UL94HB, NATURAL  
 TERMINAL SEAL - EPOXY

**ELECTRICAL:**  
 CONTACT RATING - 250 MILLIAMP@125V AC, 150 MILLIAMP@12V DC  
 INITIAL CONTACT RESISTANCE - 30 MILLIOHMS MAX  
 INSULATION RESISTANCE - 500 MEGOHMS MIN  
 DIELECTRIC STRENGTH - 500 VOLTS RMS AT SEA LEVEL  
 LIFE EXPECTANCY - 10,000 CYCLES MIN, NO LOAD & 6,000 MIN AT RATED CURRENT

**MECHANICAL:**  
 ACTUATION FORCE - 100-300 GRAMS  
 TRAVEL - .157

**ENVIRONMENTAL:**  
 OPERATING TEMPERATURE : -10 TO +60°C  
 STORAGE TEMPERATURE : -10 TO +60°C  
 RESISTANCE TO SOLDER HEAT - 260°C FOR 10 SEC PER 109-202, CONDITION B  
 SOLDERABILITY PER EIA-364-56A, PROCEDURE 3, CONDITION B

- FOR FUNCTION DIAGRAM SEE SHEET 2 OF 2.
- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
- ANTI SOLDER WICK SEAL (SHOW THIS AT THE TERMINAL TO BOARD INTERFACE).
- IF THE SWITCH IS FROM TAIWAN, "ALCO TWN" WILL APPEAR ON THE LEFT SIDE OF THE SWITCH REPLACING THE "ALCO JAPAN" STAMP AND THE SWITCH MODEL NO. WILL APPEAR ON THE RIGHT SIDE OF THE SWITCH.
- ALL PERFORMANCE SPECIFICATIONS WERE TESTED IN ACCORDANCE WITH JIS-C-5441 UNLESS OTHERWISE STATED.

40.00 [1.575]	36.00 [1.413]	51.00 [2.020]	9 SPACE	51.00 [2.020]	56.00 [2.210]	10 POS	SL10004	1825073-7
32.00 [1.260]	28.00 [1.102]	43.00 [1.700]	7 SPACE	43.00 [1.700]	48.00 [1.890]	8 POS	SL88004	1825073-6
28.00 [1.102]	24.00 [.945]	39.00 [1.540]	6 SPACE	39.00 [1.540]	44.00 [1.740]	7 POS	SL77004	1825073-5
24.00 [.945]	20.00 [.7875]	35.00 [1.380]	5 SPACE	35.00 [1.380]	40.00 [1.580]	6 POS	SL66004	1825073-4
20.00 [.787]	16.00 [.630]	31.00 [1.220]	4 SPACE	31.00 [1.220]	36.00 [1.420]	5 POS	SL55004	1825073-3
12.00 [.172]	8.00 [.315]	23.00 [.910]	2 SPACE	23.00 [.910]	28.00 [1.110]	3 POS	SL33004	1825073-2
8.00 [.315]	4.00 [.1575]	19.00 [.750]	1 SPACE	19.00 [.750]	24.00 [.950]	2 POS	SL22004	1825073-1
DIM F	DIM E	DIM D	DIM C	DIM B	DIM A	POS	ALCO P/N	TYCO P/N

THIS DRAWING IS A CONTROLLED DOCUMENT. 17FEB05

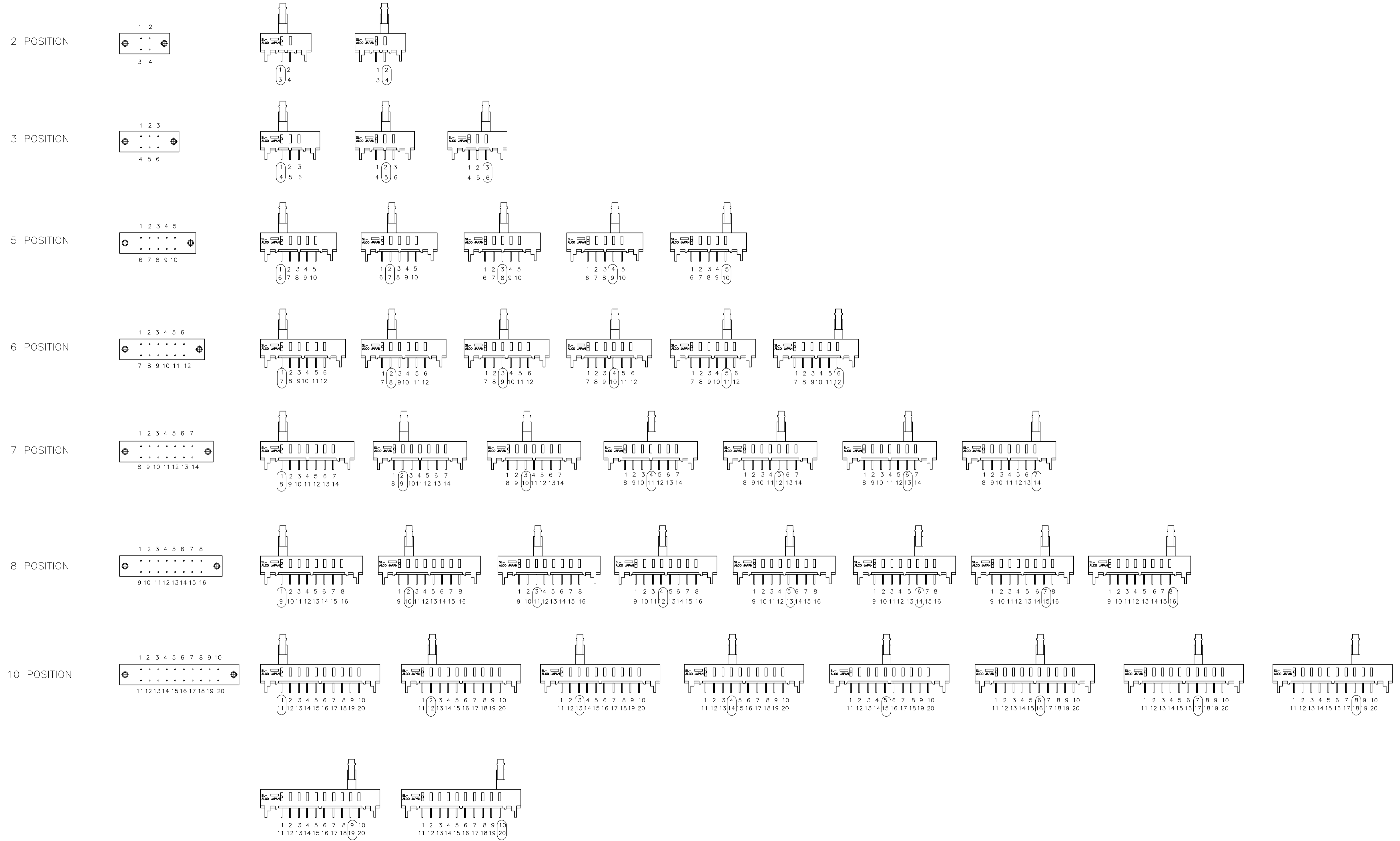
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	0 PLC ± -	1 PLC ± -	2 PLC ± -	3 PLC ± 0.25[.010]	4 PLC ± -	ANGLES ± -
MATERIAL SEE SPECIFICATIONS	FINISH SEE SPECIFICATIONS	WEIGHT -	SIZE A1	CAGE CODE 00779	DRAWING NO. 1825073	RESTRICTED TO -	

Tyco Electronics Corporation  
 Harrisburg, PA 17105-3608

SLIDE SWITCH, SL SERIES

CUSTOMER DRAWING SCALE 2:1 SHEET 1 OF 2 REV B

# OF POS.      BOTTOM VIEW



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	B5V	17FEB05	<b>tyco</b> Electronics		Tyco Electronics Corporation Harrisburg, PA 17105-3608
DIMENSIONS: mm [INCHES]		CHK	M.S.SARVER	APVD	NAME SLIDE SWITCH, SL SERIES		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0. PLC ± - 1. PLC ± - 2. PLC ± - 3. PLC ± 0.25(,010) 4. PLC ± - ANGLES ± -		PRODUCT SPEC		APPLICATION SPEC		RESTRICTED TO	
MATERIAL SEE SHEET 1	FINISH SEE SHEET 1	WEIGHT	A1 00779 C=1825073		SCALE	2:1	SHEET 2 OF 2
CUSTOMER DRAWING						REV B	