

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.

12.90 [.508]	40.00 [1.575]	36 [1.413]	51.00 [2.020]	9 SPACE	51.00 [2.020]	56.00 [2.210]	10 POS	SL10004	1825073-7
13.20 [.520]	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
12.90 [.508]	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
12.90 [.508]	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
12.90 [.508]	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
12.90 [.508]	12.00 [.172]	8.00 [.315]	23.00 [.910]	2 SPACE	23.00 [.910]	28.00 [1.110]	3 POS	SL33004	1825073-2
12.90 [.508]	8.00 [.315]	4.00 [.1575]	19.00 [.750]	1 SPACE	19.00 [.750]	24.00 [.950]	2 POS	SL22004	1825073-1
DIM H	DIM F	DIM E	DIM D	DIM C	DIM B	DIM A	POS	ALCO P/N	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.

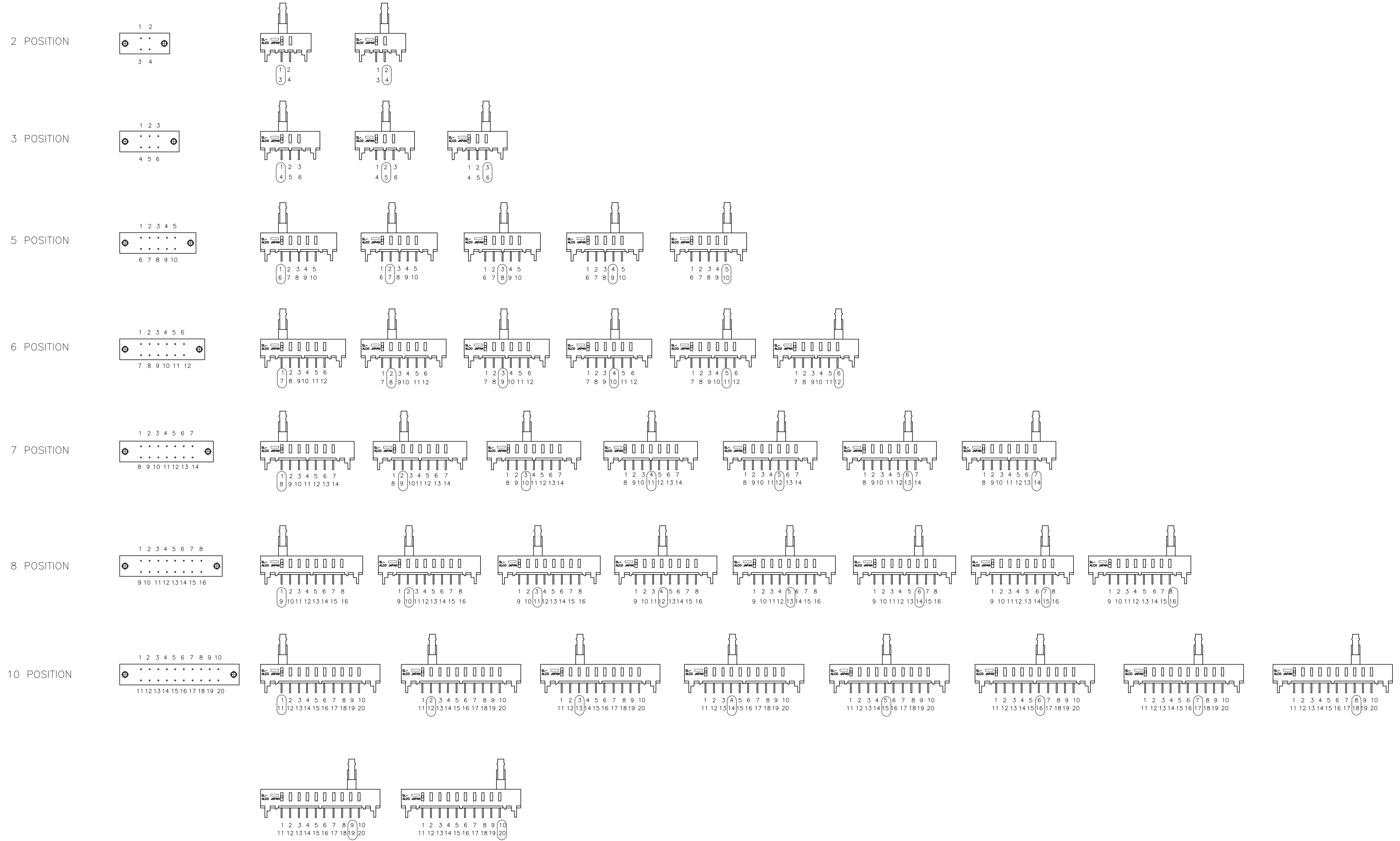
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN BSV 17FEB05	TE Connectivity
0 PLC ± -	1 PLC ± -	2 PLC ± 0.25[.010]	3 PLC ± -
4 PLC ± -	ANGLES ± -	APVD	NAME
MATERIAL SEE SPECIFICATIONS	FINISH SEE SPECIFICATIONS	WEIGHT	SIZE CAGE CODE DRAWING NO RESTRICTED TO
CUSTOMER DRAWING		SCALE 2:1	SHEET 1 OF 2 REV C1

STE M.S.SARVER

SLIDE SWITCH, SL SERIES

A1 00779 1825073

# OF POS. BOTTOM VIEW



THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN	BSV	17FEB05	TE Connectivity NAME SLIDE SWITCH, SL SERIES
DIMENSIONS: mm [INCHES]		CHK	M.S.SARVER	APVD	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		RESTRICTED TO	
0. PLC ± - 1. PLC ± - 2. PLC ± 0.25[.010] 3. PLC ± - 4. PLC ± - ANGLES ± -		APPLICATION SPEC		SIZE	
MATERIAL SEE SHEET 1		FINISH SEE SHEET 1		WEIGHT	
		CUSTOMER DRAWING		SCALE 2:1 SHEET 2 OF 2 REV C1	

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[SL33004](#) [SL66004](#) [SL88004](#) [SL100004](#)