

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

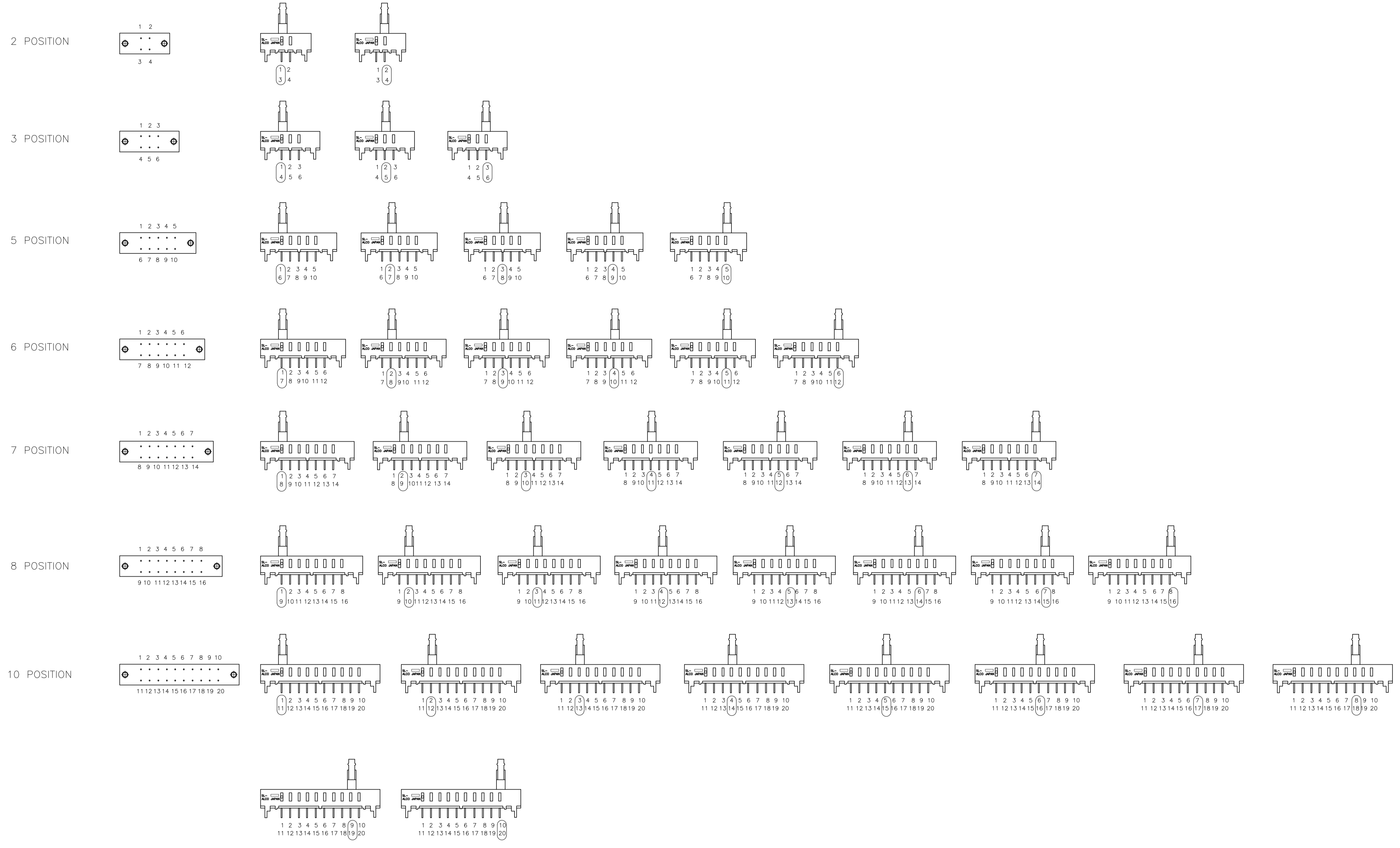
ENVIRONMENTAL:  
 OPERATING TEMPERATURE : -10 TO +60°C  
 STORAGE TEMPERATURE : -10 TO +60°C  
 RESISTANCE TO SOLDER HEAT - 260°C FOR 10 SEC PER 109-202, CONDITION B  
 SOLDERABILITY PER EIA-364-56A, PROCEDURE 3, CONDITION B

- 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]	36.00 [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
OBSOLETE	<del>12.90 [.508]</del>	<del>24.00 [.945]</del>	<del>20.00 [.7875]</del>	<del>35.00 [1.380]</del>	<del>5 SPACE</del>	<del>35.00 [1.380]</del>	<del>40.00 [1.580]</del>	<del>6 POS</del>	<del>SL66004</del>	<del>1825073-4</del>
	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 [1.172]	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.		DIN BSV 17FEB05	TE Connectivity	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± 0.25[.010] 3 PLC ± - 4 PLC ± - ANGLES ± -		
MATERIAL SEE SPECIFICATIONS		FINISH SEE SPECIFICATIONS	CAGE CODE DRAWING NO A1 00779 C=1825073	RESTRICTED TO CUSTOMER DRAWING
		SCALE 2:1	SHEET 1 OF 2	REV C2

# OF POS. BOTTOM VIEW



THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN	BSV	17FEB05	 TE Connectivity
DIMENSIONS: mm [INCHES]		CHK	M.S.SARVER	APVD	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		SLIDE SWITCH, SL SERIES	
0. PLC ± - 1. PLC ± - 2. PLC ± 0.25[.010] 3. PLC ± - 4. PLC ± - ANGLES ± -		PRODUCT SPEC		-	
MATERIAL: SEE SHEET 1		APPLICATION SPEC		-	
FINISH: SEE SHEET 1		WEIGHT		-	
		SIZE		A1	
		CAGE CODE		00779	
		DRAWING NO		C=1825073	
		RESTRICTED TO		-	
CUSTOMER DRAWING		SCALE		2:1	
		SHEET		2 OF 2	
		REV		C2	