

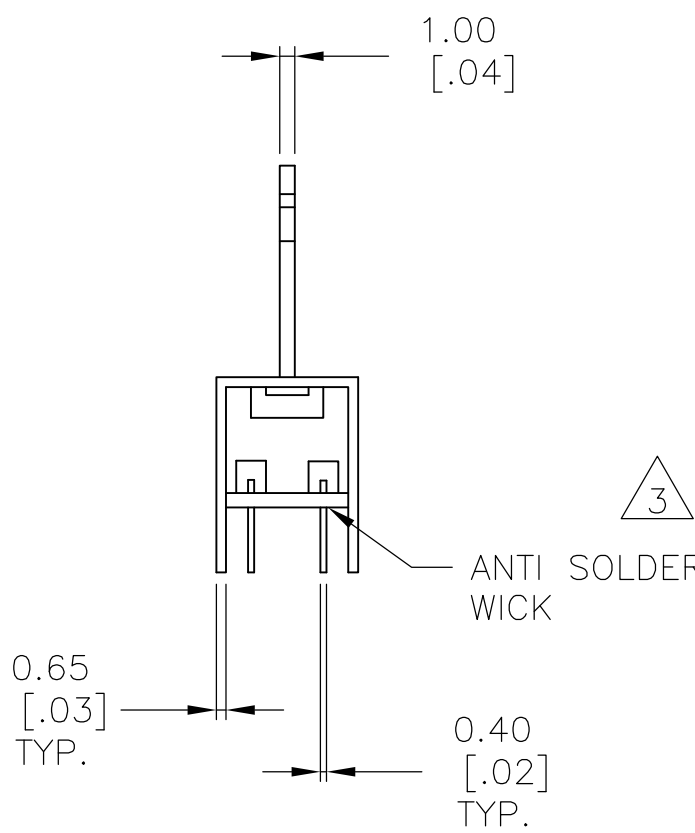


MATERIALS:
FRAME - STEEL, TIN PLATE
ACTUATOR - STEEL, ZINC PLATE
SLIDER - POLYCARBONATE UL94V-2, BLACK
MOVING CONTACT - COPPER ALLOY, SILVER PLATE
FIXED CONTACT/TERMINAL - COPPER ALLOY, SILVER PLATE
TERMINAL BOARD - PHENOLIC UL94HB, NATURAL
TERMINAL SEAL - EPOXY

ELECTRICAL:
 CONTACT RATING - 250 MILLIAMPS@125V AC, 150 MILLIAMPS@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



1. FOR FUNCTION DIAGRAM SEE SHEET 2 OF 2.
2. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
3. ANTI SOLDER WICK SEAL (SHOW THIS AT THE TERMINAL TO BOARD INTERFACE)
4. 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.
5. ALL PERFORMANCE SPECIFICATIONS WERE TESTED IN ACCORDANCE WITH JIS-C-5441 UNLESS OTHERWISE STATED.



12.90 [5.08]	40.00 [1.575]	36 [1.13]	51.00 [2.020]	9 SPACE	51.00 [2.020]	56.00 [2.210]	10 PDS	SL10004	1825073-7
12.90 [5.20]	32.00 [1.260]	28.00 [1.102]	43.00 [1.700]	7 SPACE	43.00 [1.700]	48.00 [1.890]	8 PDS	SL88004	1825073-6
12.90 [5.08]	28.00 [1.120]	24.00 [1.945]	39.00 [1.540]	6 SPACE	39.00 [1.540]	44.00 [1.740]	7 PDS	SL77004	1825073-5
12.90 [5.08]	24.00 [1.945]	20.00 [1.7875]	35.00 [1.380]	5 SPACE	35.00 [1.380]	40.00 [1.580]	6 PDS	SL66004	1825073-4
12.90 [5.08]	20.00 [1.787]	16.00 [1.630]	31.00 [1.220]	4 SPACE	31.00 [1.220]	36.00 [1.420]	5 PDS	SL55004	1825073-3
12.90 [5.08]	12.00 [1.172]	8.00 [1.315]	23.00 [1.910]	2 SPACE	23.00 [1.910]	28.00 [1.110]	3 PDS	SL33004	1825073-2
12.90 [5.08]	8.00 [1.315]	4.00 [1.1575]	19.00 [1.750]	1 SPACE	19.00 [1.750]	24.00 [1.950]	2 PDS	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.		DWG BSV	17EB05	 TE Connectivity	
DIMENSIONS:		CHK: M.S.SARVER	APPROV	NAME	
mm [INCHES]		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		SLIDE SWITCH, SL SERIES	
		0 P/LC ± —		PRODUCT SPEC —	
		1 P/LC ± —		—	
		2 P/LC ± 0.025 [010]		APPLICATION SPEC —	
		3 P/LC ± —		—	
		4 P/LC ± —		—	
ANGLES		FINISH		SIZE	
MATERIAL		WEIGHT		CAGE CODE	
SEE SPECIFICATIONS		—		DRAWING NO	
SEE SPECIFICATIONS		—		A1 00779 C=1825073	
CUSTOMER DRAWING		SCALE		RESTRICTED TO	
		2:1		—	
		SHEET		1 OF 2	
		REV		C	

