

RECOMMENDED HOLE LAYOUT

SPECIFICATIONS:
BREAK—BEFORE—MAKE

MATERIALS:
FRAME-STEEL, ZINC PLATE
ACTUATOR-PBT G30, BLACK
FIXED CONTACT/TERMINAL-COPPER ALLOY, SILVER OVER NICKEL PLATE
MOVING CONTACT-COPPER ALLOY, SILVER OVER NICKEL PLATE
COIL SPRING-STEEL WIRE
LEAF SPRING-COPPER ALLOY
TERMINAL BOARD-PHENOLIC, UL94HB



ELECTRICAL:
CONTACT RATING- 500 MILLIAMPS@125V AC
CONTACT RESISTANCE- 30 MILLIOHMS MAX (INITIAL), 60 MILLIOHMS AFTER TEST
INSULATION RESISTANCE- 500 MEGOHMS MIN AT SEA LEVEL
DIELECTRIC STRENGTH- 500 VAC RMS AT SEA LEVEL
LIFE EXPECTANCY- 10,000 CYCLES MIN, NO LOAD & 6,000 MIN AT RATED CURRENT

MECHANICAL:
ACTUATION FORCE- 350±200 GRAMS
TRAVEL- 2.69[.106]

ENVIRONMENTAL:
OPERATING TEMPERATURE- -20°C TO +85°C
STORAGE TEMPERATURE- -40°C TO +100°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. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
2. ALL PERFORMANCE SPECIFICATIONS WERE TESTED IN ACCORDANCE WITH JIS-C-5441 UNLESS OTHERWISE STATED.

1-2	2-3	SLS120104	1825075-1
LEFT	RIGHT	ALCO	PART NUMBER
ACTUATOR POSITION		PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG. NO. SS_VISWESWARA DESIGNED BY MS. SAVERI DATE ----	01MAY08  Tyo Electronics Tyo Electronics Corporation Harrisburg, Pa 17105-3608
DIMENSIONS: mm [INCHES]	TO FINISHES UNLESS NOTED FINISHES: <ul style="list-style-type: none"> 1. P.C. AS PER ASME A10.10 2. P.C. AS PER ASME A10.10 3. P.C. AS PER ASME A10.10 4. P.C. AS PER ASME A10.10 	PRODUCT SPEC SLIDE SWITCH SLS-120-1	
		APPLICATION SPEC ----	
MATERIAL	FINISH	WEIGHT ----	SIZE A2 CASE CODE 00779 DRAWING NO. C=182505 RESTRICTED ----
		CUSTOMER DRAWING	SCALE 4:1 SHEET 1 OF 1 REV. ----