

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.		DWN BS VISWESWARA CHK MS SARVER		01MAR05 —		 Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		SLIDE SWITCH SLS-120-1 —	
		0 PLC ± — 1 PLC ± — 2 PLC ± 0.50[.020] 3 PLC ± — 4 PLC ± — ANGLES ± ± —		PRODUCT SPEC —		—	
MATERIAL —		FINISH —		APPLICATION SPEC —		SIZE	RESTRICTED TO
				WEIGHT —		CAGE CODE A2 00779	DRAWING NO C-1825075
CUSTOMER DRAWING						SCALE 4:1	SHEET 1 OF 1
						REV B	

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