



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- .106 (2.69 MM)

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

- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
- ANTI SOLDER WICK SEAL
- ALL PERFORMANCE SPECIFICATIONS WERE TESTED IN ACCORDANCE WITH JIS-C-5441 UNLESS OTHERWISE STATED.

1-2 4-5	2-3 5-6	SLS22004	1825078-1
LEFT	RIGHT	ALCO PART NUMBER	TYCO PART NUMBER
ACTUATOR POSITION			

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG BS VISWESWARA	01MAR05	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
DIMENSIONS: mm [INCHES]		CHK MS SARVER	APVD	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		NAME SLIDE SWITCH SLS-220
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± 010(0.25) 4 PLC ± - ANGLES ± -		APPLICATION SPEC		
MATERIAL		WEIGHT		SIZE A1
FINISH		CUSTOMER DRAWING		CAGE CODE 00779
		SCALE 4:1		DRAWING NO 1825078
		SHEET 1 OF 1		RESTRICTED TO REV A