



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

- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
- 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	PART NUMBER
ACTUATOR POSITION			

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN BS VISWESWARA GJK MS SARVER		DTMARDOS Tyco Electronics Corporation Harrisburg, Pa 17105-3608																			
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME SLIDE SWITCH SLS-220																			
<table border="1"> <tr><td>0 PLC</td><td>±</td><td>-</td></tr> <tr><td>1 PLC</td><td>±</td><td>-</td></tr> <tr><td>2 PLC</td><td>±</td><td>0.50[.020]</td></tr> <tr><td>3 PLC</td><td>±</td><td>-</td></tr> <tr><td>4 PLC</td><td>±</td><td>-</td></tr> <tr><td>ANGLES</td><td>±</td><td>-</td></tr> </table>		0 PLC	±	-	1 PLC	±	-	2 PLC	±	0.50[.020]	3 PLC	±	-	4 PLC	±	-	ANGLES	±	-	PRODUCT SPEC APPLICATION SPEC		SIZE A1	
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1 PLC	±	-																					
2 PLC	±	0.50[.020]																					
3 PLC	±	-																					
4 PLC	±	-																					
ANGLES	±	-																					
MATERIAL -		FINISH -		WEIGHT -																			
CUSTOMER DRAWING		SCALE 4:1		SHEET 1 OF 1 REV C																			

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