



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:

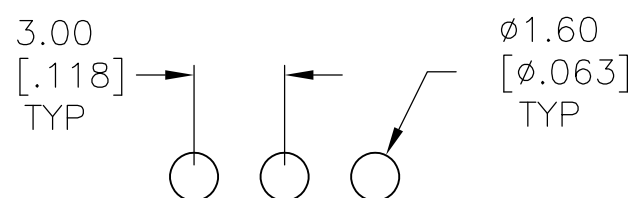
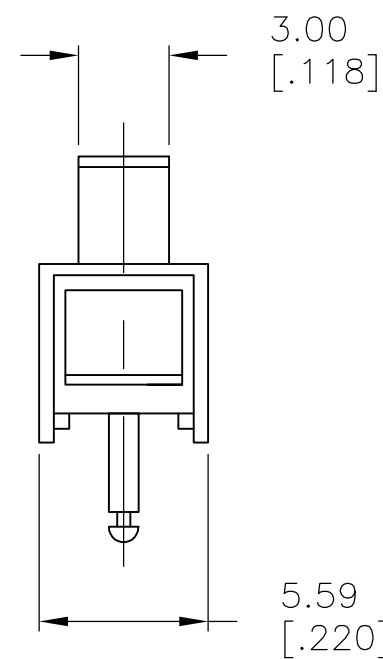
CONTACT RATING— 500 MILLIAMPS@125V AC
CONTACT RESISTANCE— 30 MILLIOHMS MAX (INITIAL), 60 MILLIOHMS AFTER TEST
INSULATION RESISTANCE— 500 MEGOHMS MIN AT SEA LEVEL
DIELECTRIC STRENGTH— 500 VAC RMS AT SEA LEVEL
LIFE EXPECTANCY— 10,000 CYCLES MIN, NO LOAD & 6,000 MIN AT RATED CURRENT

MECHANICAL:

ACTUATION FORCE— 350 ± 200 GRAMS
TRAVEL— $2.69[.106]$


ENVIRONMENTAL:

OPERATING TEMPERATURE- -20°C TO $+85^{\circ}\text{C}$
STORAGE TEMPERATURE- -40°C TO $+100^{\circ}\text{C}$
RESISTANCE TO SOLDER HEAT- 260°C FOR 10 SEC PER 109-202, CONDITION B
SOLDERABILITY- PER EIA-364-56A, PROCEDURE 3, CONDITION B



RECOMMENDED HOLE LAYOUT

1-2	2-3	SLSA12004	1825081-1
LEFT	RIGHT	ALCO	PART NUMBER
ACTUATOR POSITION		PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BS VISWESWARA	01MAR05		Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]		CHK MS SARVER	NAME		SLIDE SWITCH SLSA-120, SPDT	
TOLERANCES, UNLESS OTHERWISE SPECIFIED:		APVD	PRODUCT SPEC		-	
		APPLICATION SPEC		-		RESTRICTED TO
0 PLC ± - 1 PLC ± - 2 PLC ± 0.50[.020] 3 PLC ± - 4 PLC ± - ANGLES ± -		WEIGHT		-		
MATERIAL		FINISH		SIZE		REV
-		-		CAGE CODE		DRAWING NO
				A200779		C=1825081
		CUSTOMER DRAWING		SCALE		SHEET
				4:1		1 OF 1
						REV B