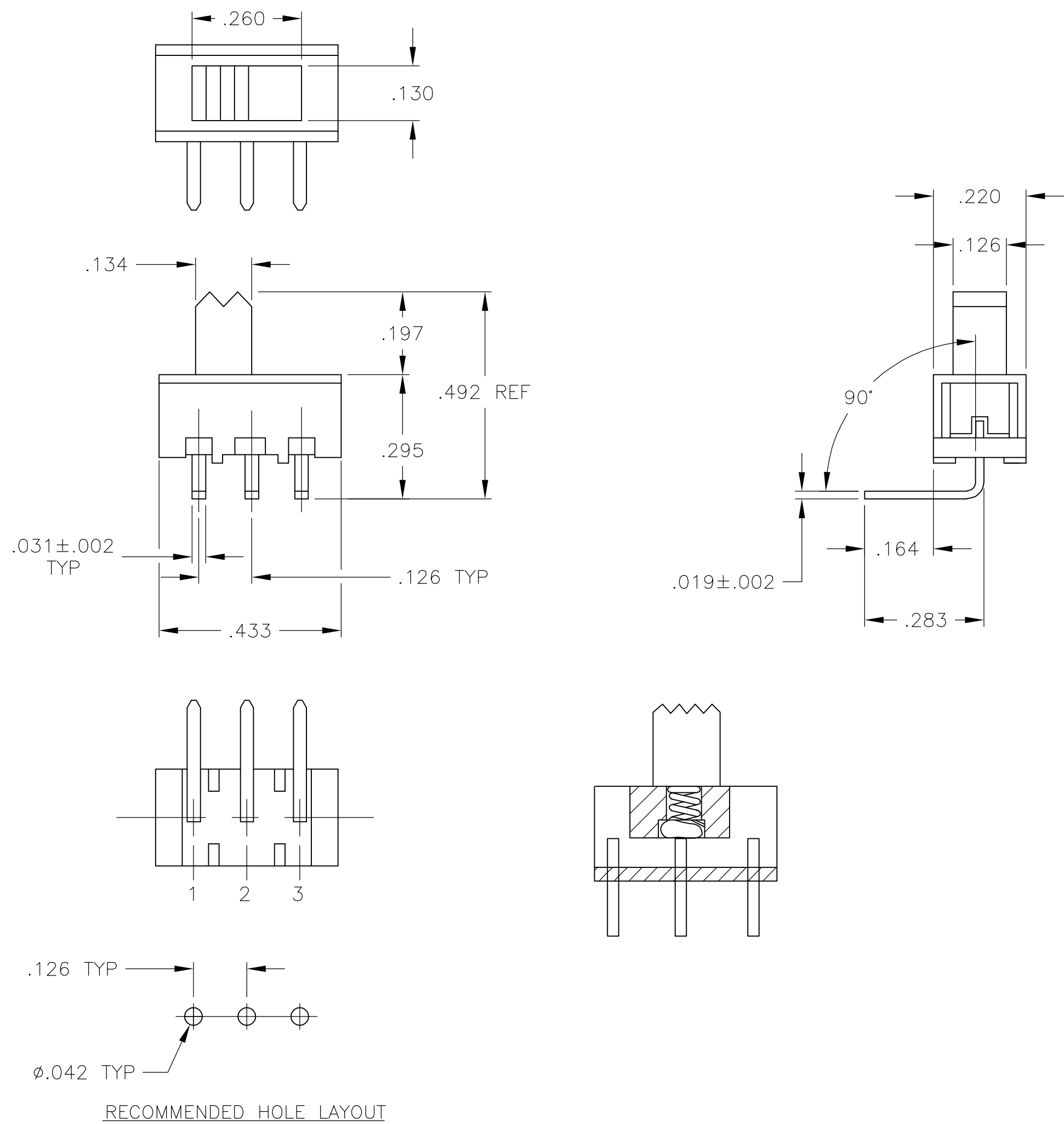


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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00	A	ECO 05 006799	28APR06	BSV SM



SPECIFICATIONS:  
 BREAK BEFORE MAKE

**MATERIALS:**

- FRAME: STEEL,ZINC PLATE
- ACTUATOR: PBT,UL94HB,BLACK
- TERMINAL/FIXED CONTACT: COPPER ALLOY, AG OVER NI OR AU OVER NI PLATE.
- MOVING CONTACT: COPPER ALLOY, AG OVER NI OR AU OVER NI PLATE
- TERMINAL BOARD: PHENOLIC, UL94HB
- SPRING: CARBON STEEL WIRE

**ELECTRICAL:**

- CONTACT RATING, 250MILLIAMPS @ 125V AC, 150MILLIAMPS @ 12V DC
- CONTACT RESISTANCE, 30 MILLIOHMS MAX (INITIAL), 60 MILLIOHMS AFTER TEST
- INSULATION RESISTANCE: 500 MEGOHMS MIN.
- DIELECTRIC STRENGTH: 500 VOLTS RMS @SEA LEVEL
- LIFE EXPECTANCY: 10,000 CYCLES MIN. NO LOAD, 6,000 AT RATED CURRENT.

**MECHANICAL:**

- ACTUATION FORCE, 250 +150/-100 GRAMS
- TRAVEL, .126 (3.20)

**ENVIRONMENTAL:**

- OPERATING TEMPERATURE: -10°C TO +85°C
- STORAGE TEMPERATURE: -10°C TO +85°C
- RESISTANCE TO SOLDER HEAT, 260°C FOR 10 SEC PER 109-202, CONDITION B
- SOLDERABILITY PER EIA-364-56A, PROCEDURE 3, CONDITION B

**NOTE:**

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

1-2	2-3	SLS121RA04	1825116-1
LEFT	RIGHT	ALCO P/N	TYCO P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B S VISWESWARA	01MAR05		<b>tyco</b> Electronics	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: INCHES		CHK M S SARVER	-			NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD -	-		PRODUCT SPEC		
0 PLC ± -		-		APPLICATION SPEC			
1 PLC ± -		-		-			
2 PLC ± -		-		WEIGHT			
3 PLC ± .010		-		A2 00779 C=1825116			
4 PLC ± -		-		SCALE 4:1 SHEET 1 OF 1 REV A			
ANGLES ± -		-		CUSTOMER DRAWING			
FINISH		-		RESTRICTED TO			
MATERIAL SEE TABLE		-		-			

1825116