

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00	B3	REVISED PER ECO-11-004820	11MAR11	RK HMR

SPECIFICATIONS:  
BREAK BEFORE MAKE

**MATERIALS:**

FRAME: STEEL,ZINC PLATE  
ACTUATOR: PBT, UL94V0, FINISH: SEE TABLE

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, 250MILLIAMP @ 125V AC,  
150MILLIAMP @ 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, 3.20(.126)

**ENVIRONMENTAL:**

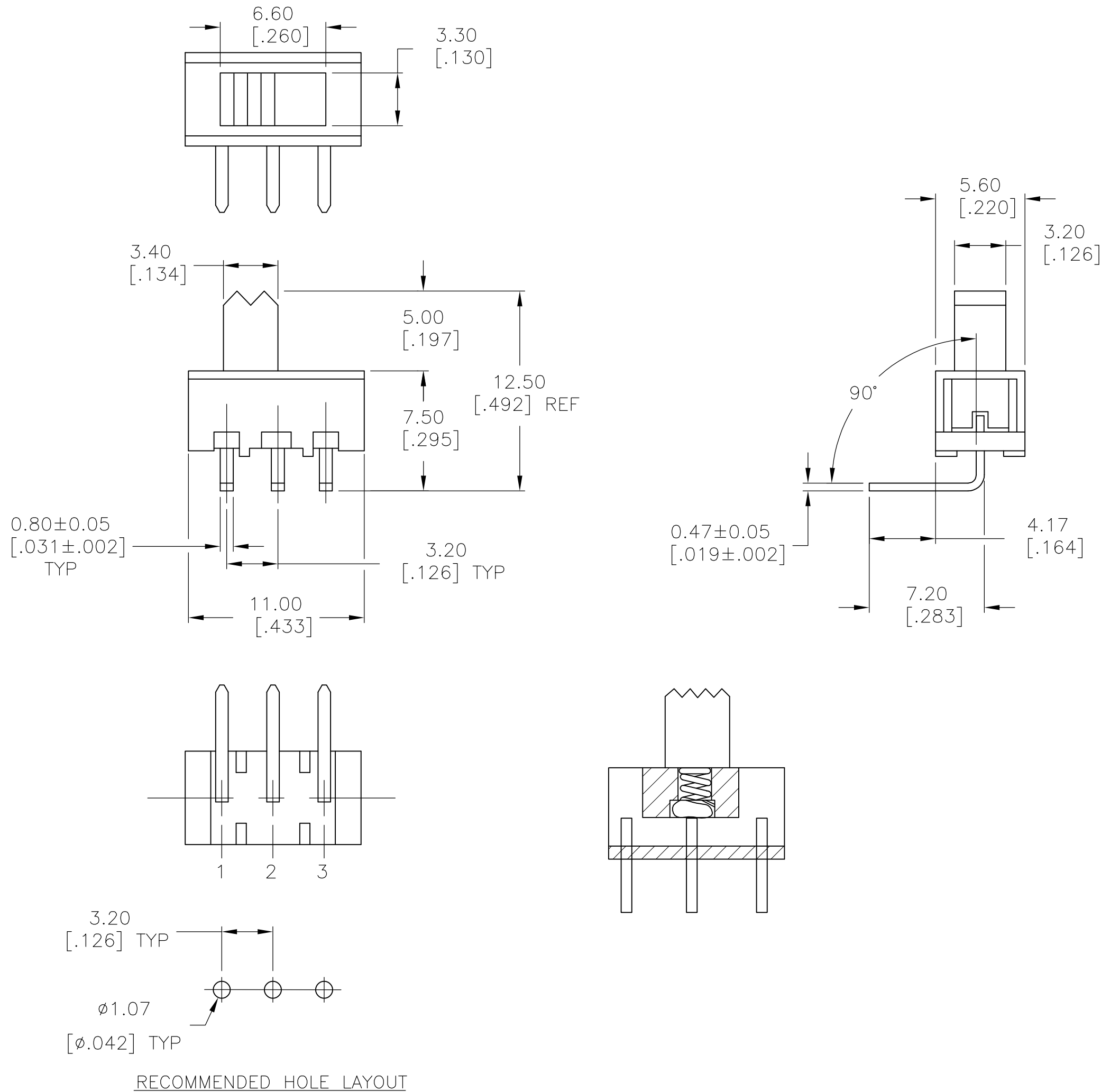
OPERATING TEMPERATURE: -10°C TO +85°C

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

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



NATURAL	GOLD	1-2	2-3	SLS121NRAG04	1825116-3
NATURAL	SILVER	1-2	2-3	SLS121NRA04	1825116-2
BLACK	SILVER	1-2	2-3	SLS121RA04	1825116-1
		LEFT	RIGHT		
ACTUATOR FINISH	FINISH	ACTUATOR POSITION		ALCO P/N	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B S VISWESWARA	TE Connectivity		
DIMENSIONS: mm [INCHES]		CHK M S SARVER	SLIDE SWITCH, SPDT, RIGHT ANGLE (SLS121RA)		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD -	NAME		
0 PLC ± -		PRODUCT SPEC	SIZE		
1 PLC ± -		APPLICATION SPEC	CAGE CODE		
2 PLC ± 0.25[.010]			DRAWING NO		
3 PLC ± -			RESTRICTED TO		
4 PLC ± -			A2 00779 C=1825116		
ANGLES ± -		WEIGHT	SCALE		
MATERIAL SEE TABLE		FINISH -	SHEET		
			1 of 1		
		CUSTOMER DRAWING	REV B3		