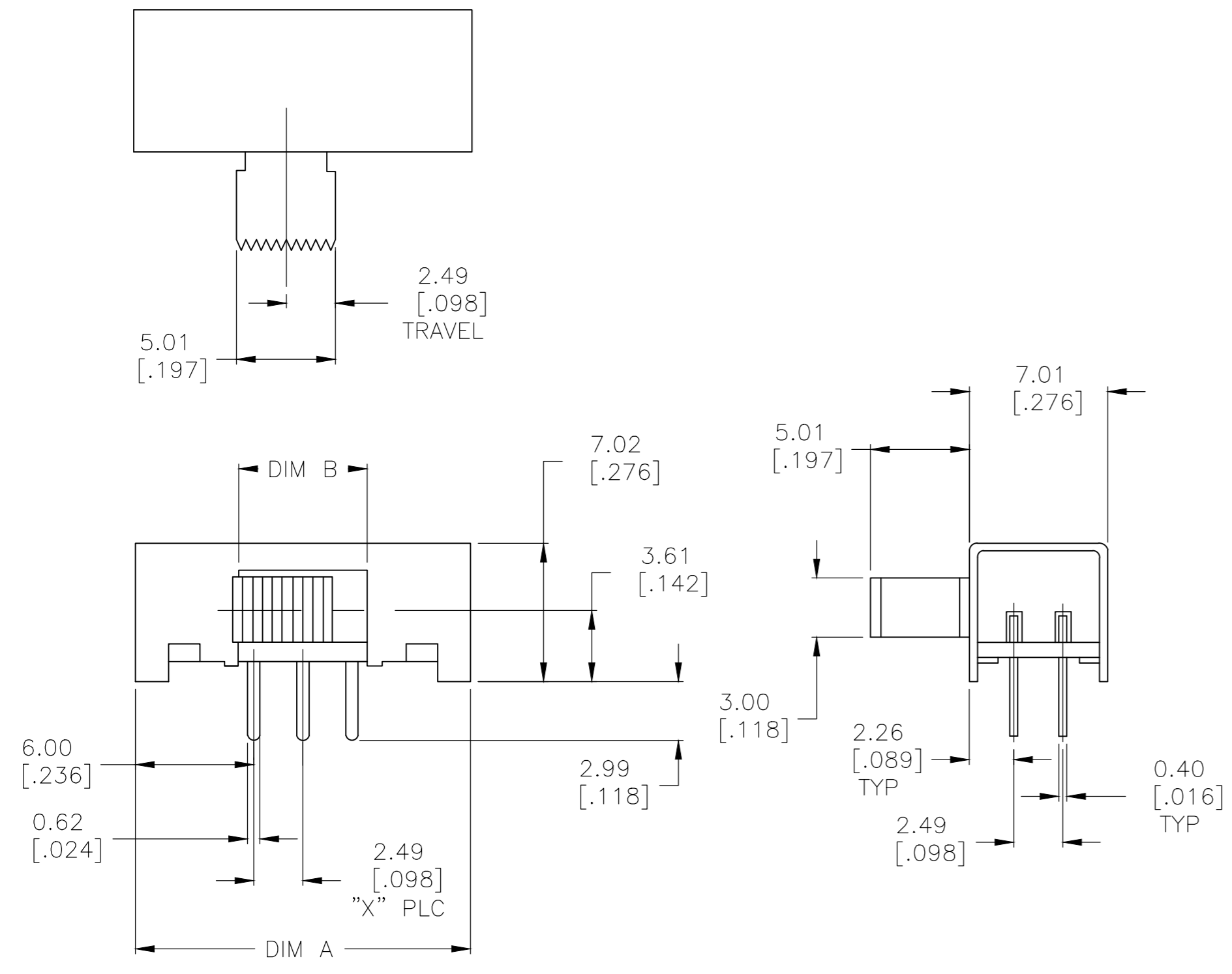


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A1		ECO-06-029077	06FEB2007	RB	MS
A2		REVISED PER ECO-16-018096	29MAY2017	RK	PO



**SPECIFICATIONS:**  
 MAKE-BEFORE-BREAK

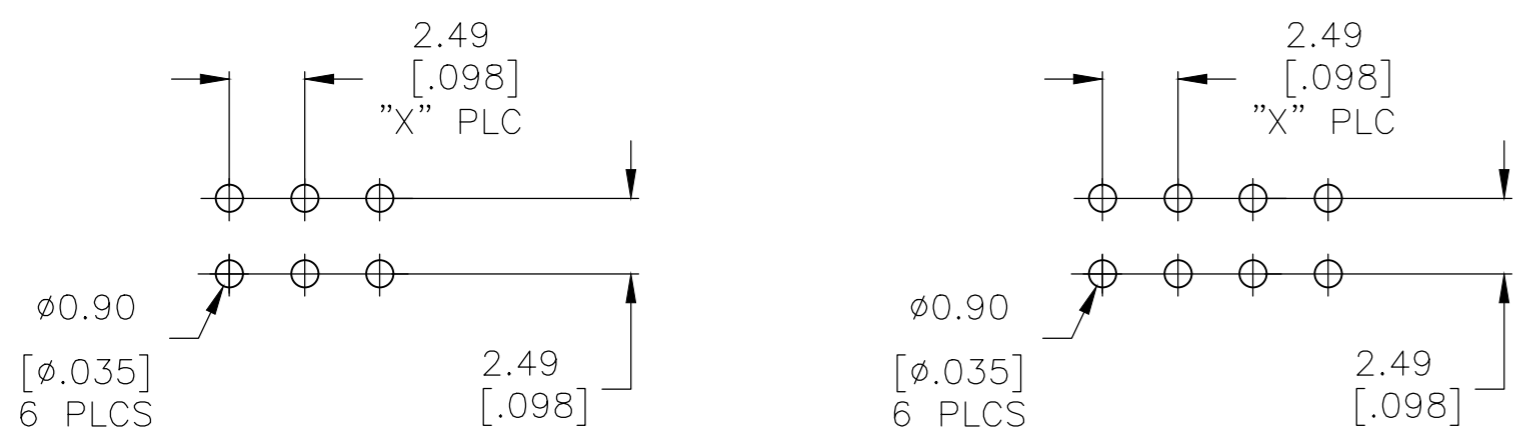
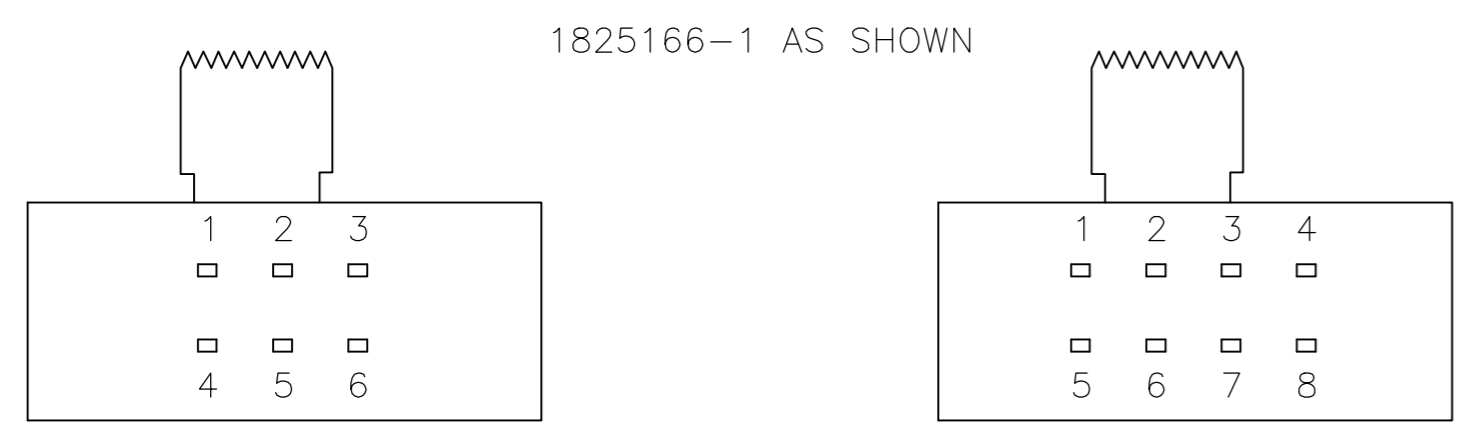
**MATERIALS:**  
 FRAME: STEEL, ZINC PLATE  
 ACTUATOR: POM UL94HB, BLACK  
 FIXED CONTACT/TERMINAL: COPPER ALLOY, SILVER OVER NICKEL PLATE  
 MOVING CONTACT: COPPER ALLOY, SILVER CLAD  
 COIL SPRING: TEMPERED STEEL WIRE  
 BALL- TEMPERED CARBON STEEL  
 TERMINAL BOARD: PHENOLIC, UL94HB  
 TERMINAL SEAL: EPOXY

**ELECTRICAL:**  
 CONTACT RATING: 250 MILLIAMPS@125V AC  
 CONTACT RESISTANCE: 30 MILLIOHMS MAX (INITIAL), 60 MILLIOHMS AFTER TEST  
 INSULATION RESISTANCE: 500 MEGOHMS MIN AT 500V DC  
 DIELECTRIC STRENGTH: 500 VAC RMS AT SEA LEVEL  
 LIFE EXPECTANCY: 10,000 CYCLES MIN. NO LOAD

**MECHANICAL:**  
 ACTUATION FORCE: 250 +150/-100 GRAMS  
 TRAVEL: 2.49 [.098]

**ENVIRONMENTAL:**  
 OPERATING TEMPERATURE: -10° TO +60°C  
 STORAGE TEMPERATURE: -10° TO +60°C  
 RESISTANCE TO SOLDER HEAT: 260°C FOR 10 SEC PER 109-202, COND. B  
 SOLDERABILITY: PER EIA-364-56A, PROCEDURE 3, COND. B

- NOTES:**
- 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.



OBSOLETE	1-2 5-6	2-3 6-7	3-4 7-8	-	-		3	8.99 [.354]	19.51 [.768]	DP3T	STSA230RA04	1825166-2
	-	-	-	1-2 4-5	2-3 5-6		2	6.50 [.256]	16.99 [.669]	DPDT	STSA220RA04	1825166-1
						BOTTOM VIEW	X PLC	DIM B	DIM A	FUNCTION	T&B P/N	TE P/N

P.C.B. HOLE LAYOUT (HOLE LAYOUT TOL ±.002 ON ALL DIMENSIONS)  
 1825166-1

P.C.B. HOLE LAYOUT (HOLE LAYOUT TOL ±.002 ON ALL DIMENSIONS)  
 1825166-2 OBSOLETE

THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: B.S.VISWESWARA 02APR2005  
 CHK: M.S.SARVER  
 APVD: -  
 PRODUCT SPEC: -  
 APPLICATION SPEC: -  
 WEIGHT: -  
 CUSTOMER DRAWING

**TE Connectivity**

SLIDE SWITCH, STSA220RA & STSA230RA SERIES

SIZE: A2 CAGE CODE: 00779 DRAWING NO: 1825166 RESTRICTED TO: -  
 SCALE: 4:1 SHEET: 1 OF 1 REV: A2

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