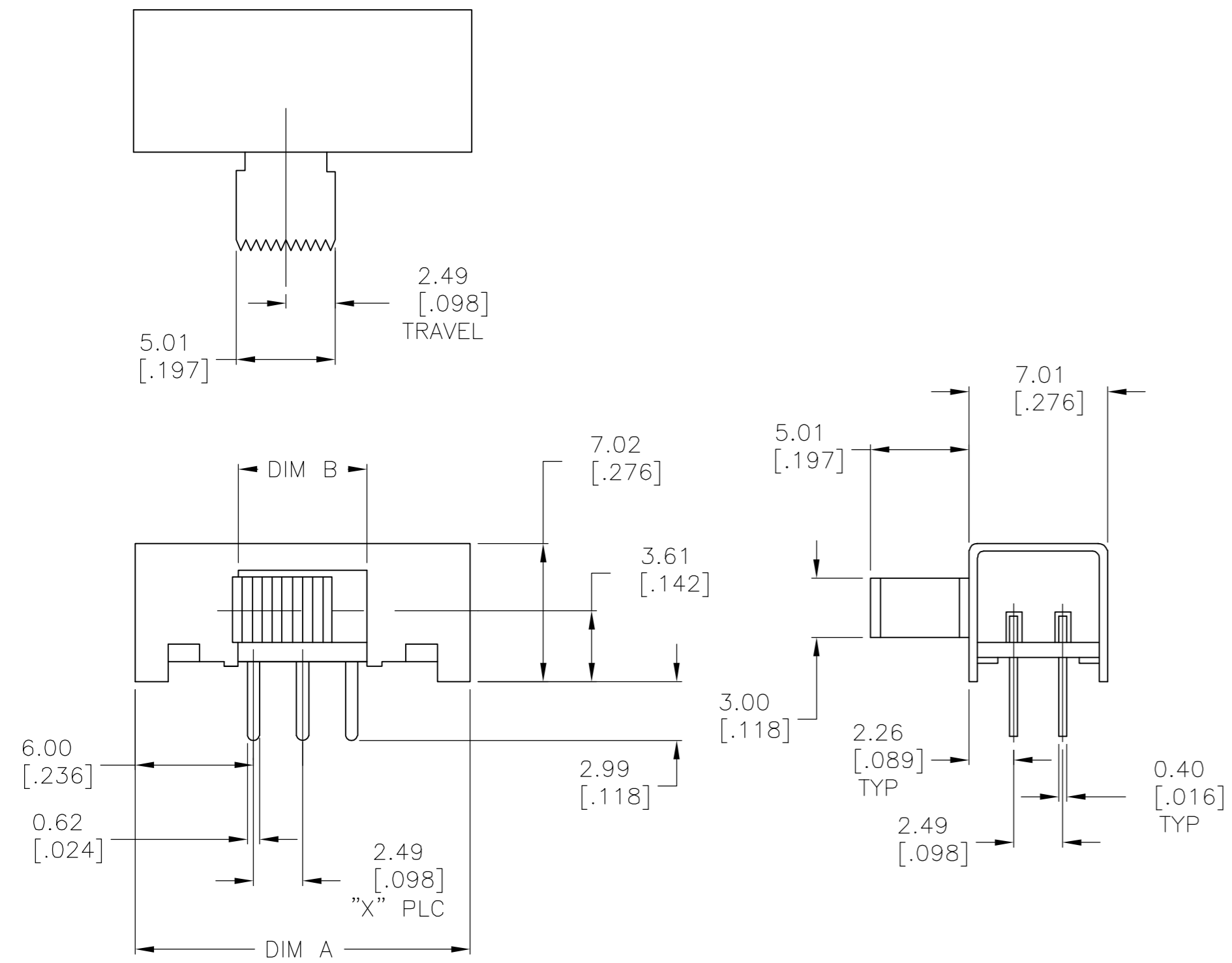


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LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A1		ECO-06-029077	06FEB2007	RB	MS



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

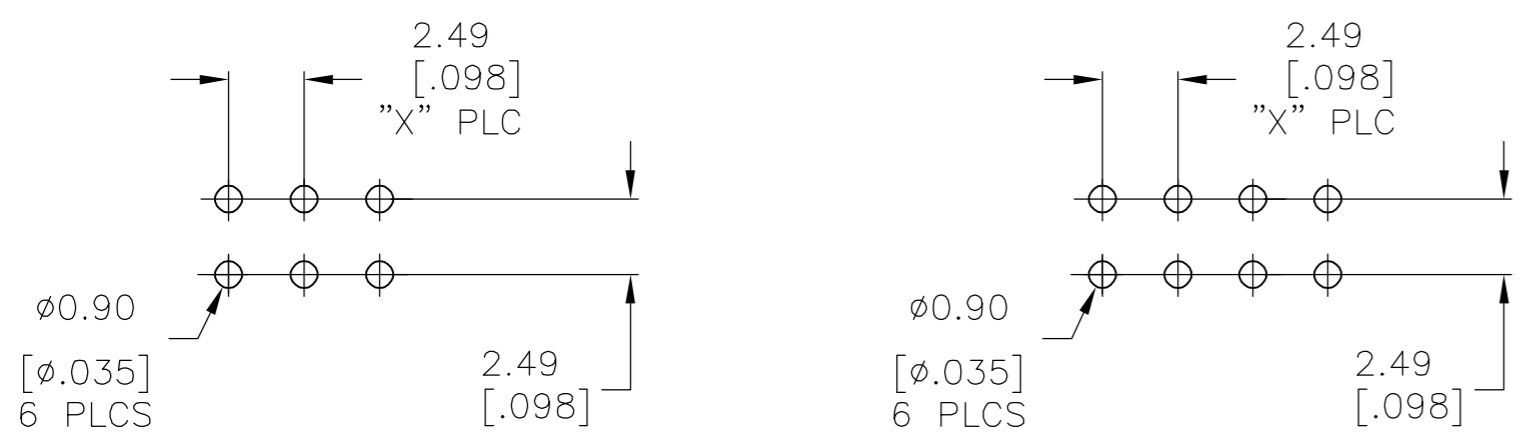
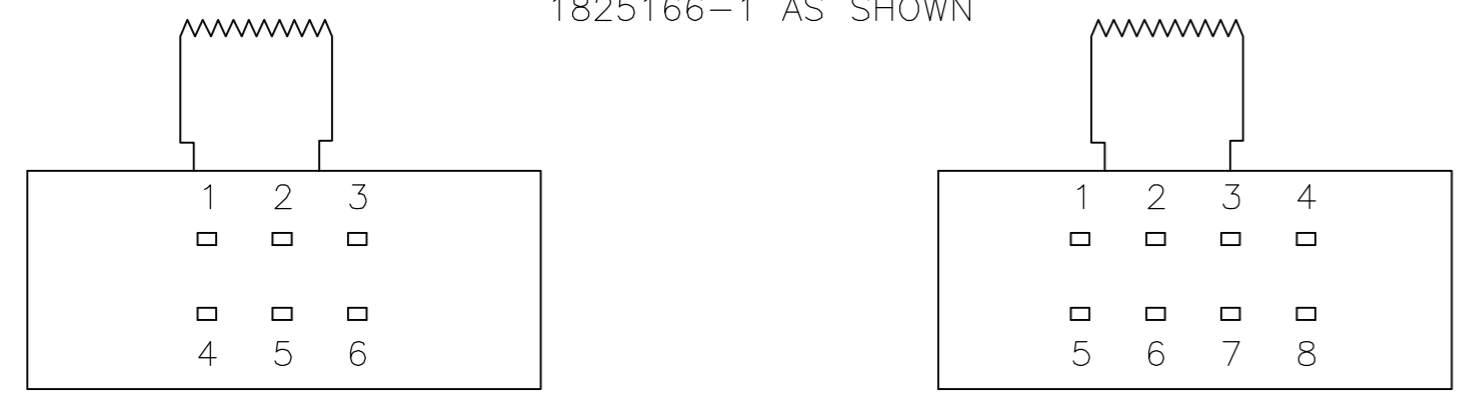
ELECTRICAL:  
 CONTACT RATING: 250 MILLIAMPS@125V AC  
 CONTACT RESISTANCE: 30 MILLIOHMS MAX (INITIAL), 60 MILLIOHMS AFTER TEST  
 INSULATION RESISTANCE: 500 MEGOHMS MIN AT 500V DC  
 DIELECTRIC STRENGTH: 500 VAC RMS AT SEA LEVEL  
 LIFE EXPECTANCY: 10,000 CYCLES MIN. NO LOAD

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

1825166-1 AS SHOWN



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

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	TYCO P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN B.S.VISWESWARA	02APR2005		Tyco Electronics Corporation Harrisburg, Pa 17105-3608
	0 PLC ± - 1 PLC ± - 2 PLC ± 0.25[.010] 3 PLC ± - 4 PLC ± - ANGLES ± - FINISH	CHK M S SARVER	-		NAME
MATERIAL	-	APVD	-	SIZE	A2
		PRODUCT SPEC	-	CAGE CODE	00779
		APPLICATION SPEC	-	DRAWING NO	C=1825166
		WEIGHT	-	RESTRICTED TO	-
		CUSTOMER DRAWING	-	SCALE	4:1
				SHEET	1 OF 1
				REV	A1

1825166

A