

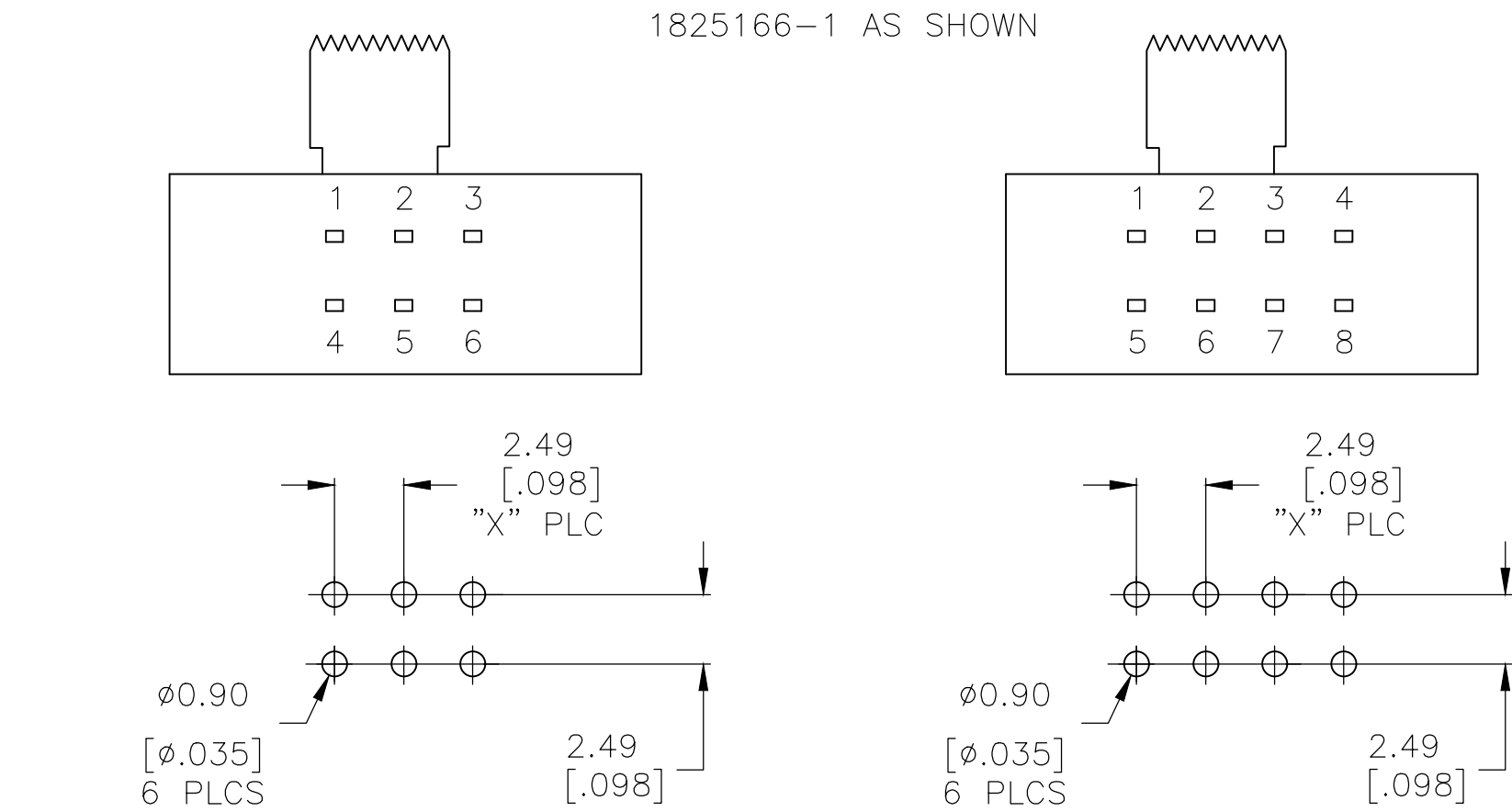
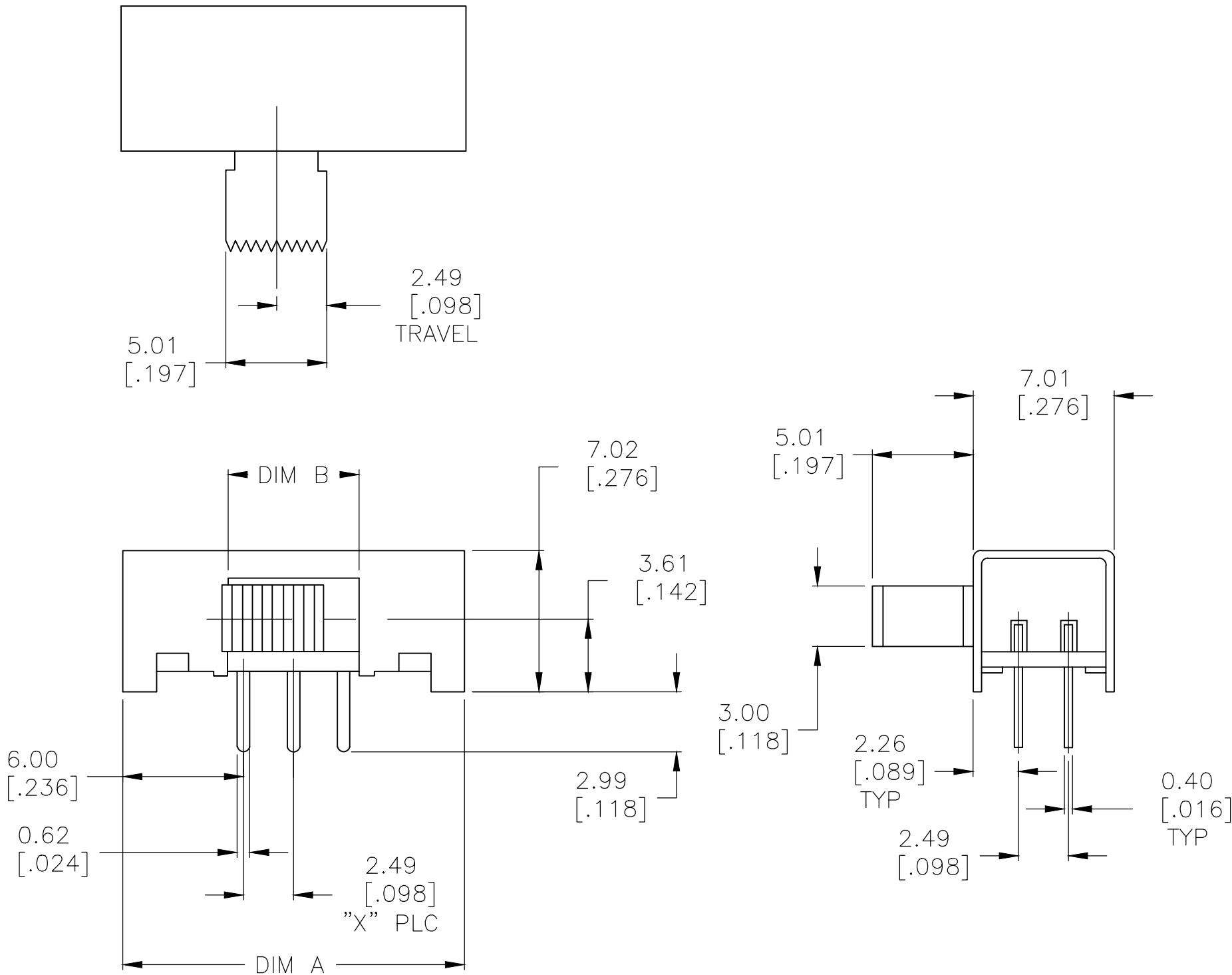
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	ECO-06-029077	06FEB2007	RB	MS
	A2	REVISED PER ECO-16-018096	29MAY2017	RK	PO

D

C

B

A



SPECIFICATIONS:
MAKE-BEFORE-BREAK

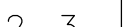
MATERIALS:
FRAME: STEEL, ZINC PLATE
ACTUATOR: POM UL94HB, BLACK
FIXED CONTACT/TERMINAL: COPPER ALLOY, SILVER OVER NICKEL PLATE
MOVING CONTACT: COPPER ALLOY, SILVER CLAD
COIL SPRING: TEMPERED STEEL WIRE
BALL- TEMPERED CARBON STEEL
TERMINAL BOARD: PHENOLIC, UL94HB
TERMINAL SEAL: EPOXY

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
	FUNCTION DIAGRAM											

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN B.S.VISWESWARA		02APR2005		 TE Connectivity	
DIMENSIONS: mm [INCHES]				CHK M S SARVER		—			
				TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD —		NAME SLIDE SWITCH, STSA220RA & STSA230RA SERIES —	
				0 PLC ± —		PRODUCT SPEC —			
				1 PLC ± —		—			
				2 PLC ± 0.25[.010]		APPLICATION SPEC —			
MATERIAL —				3 PLC ± —		—		SIZE A2	
				4 PLC ± —		—			
FINISH —				WEIGHT		CAGE CODE 00779		DRAWING NO C=1825166	
CUSTOMER DRAWING				SCALE 4:1		SHEET 1 of 1		REV A2	