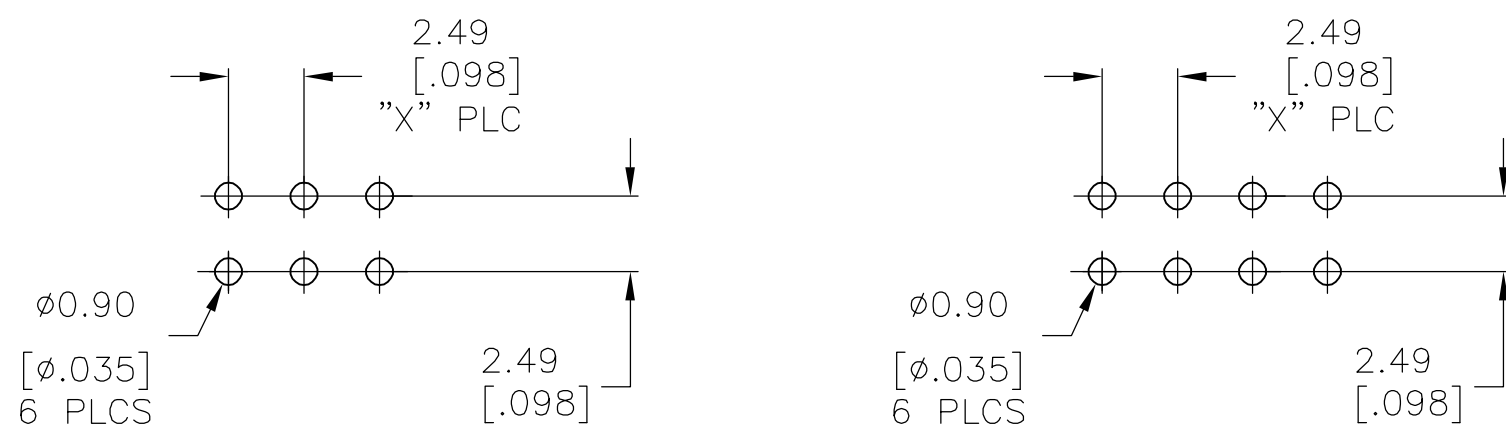
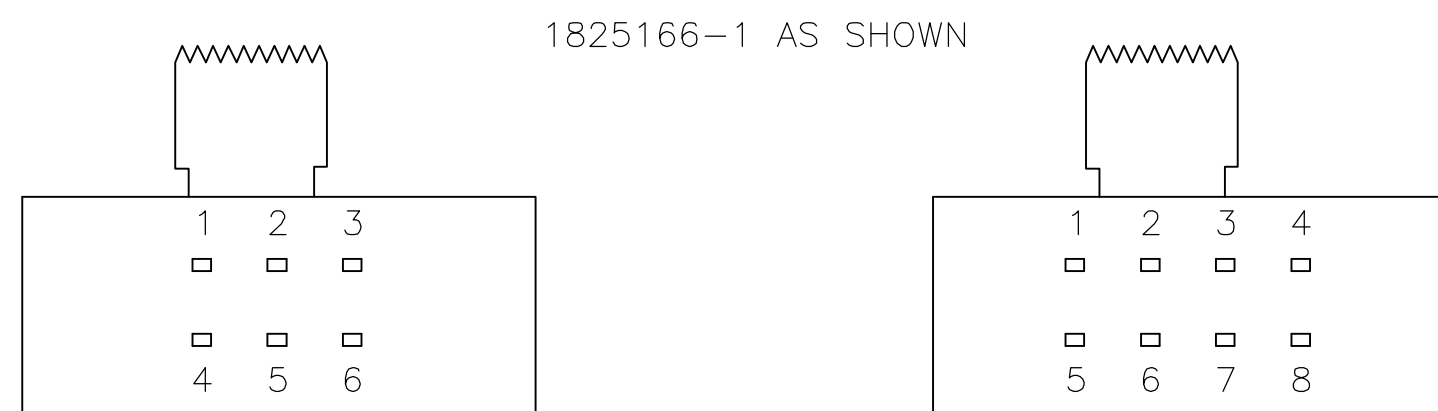
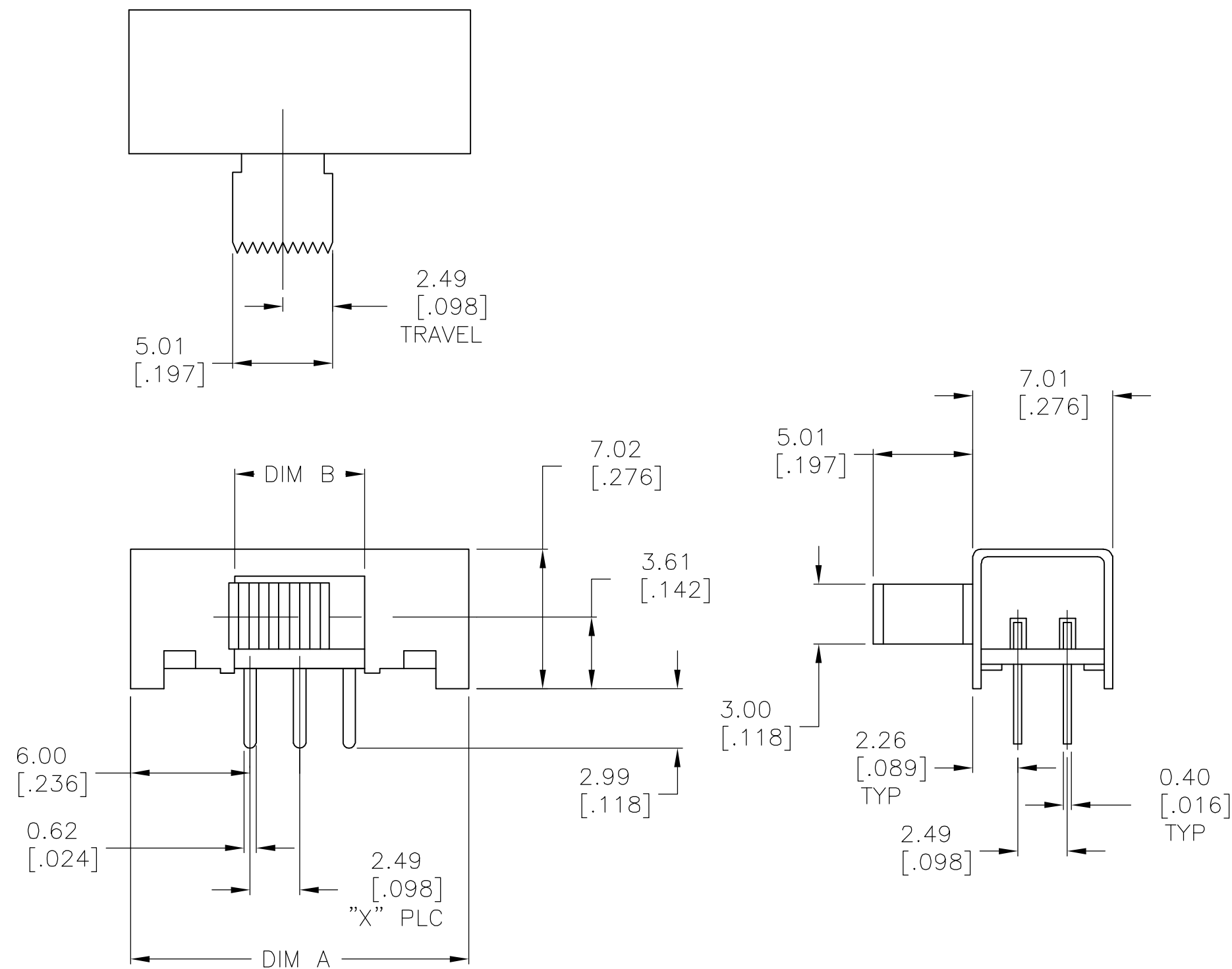




P.C.B. HOLE LAYOUT
(HOLE LAYOUT TOL ± 0.002
ON ALL DIMENSIONS)

1825166-1

P.C.B. HOLE LAYOUT
(HOLE LAYOUT TOL ± 0.002
ON ALL DIMENSIONS)

1825166-2

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:

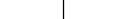
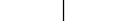
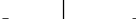
ACTUATION FORCE: 250 +150/-100 GRAMS
TRAVEL: 2.49 [.098]

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.

						3	8.99 [.354]	19.51 [.768]	DP3T	STSA230RA04	1825166—2
						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
FUNCTION DIAGRAM											

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B.S.VISWESWARA		02APR2005		 Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK M S SARVER		NAME	
		0 PLC ± -		APVD -		SLIDE SWITCH, STSA220RA & STSA230RA SERIES -	
		1 PLC ± -		PRODUCT SPEC -			
		2 PLC ± 0.25[.010]		APPLICATION SPEC -			
		3 PLC ± -		-			
4 PLC ± -		ANGLES ± -		SIZE		CAGE CODE	DRAWING NO
MATERIAL		FINISH		WEIGHT		RESTRICTED TO	
-		-		-		-	
CUSTOMER DRAWING						SCALE	4:1
						SHEET	1 OF 1
						REV	A1