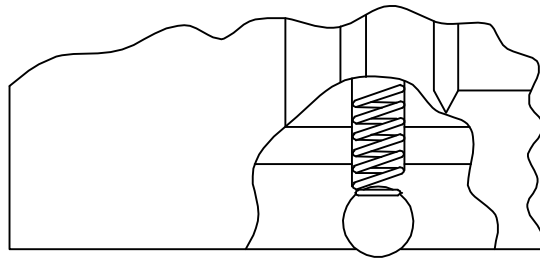
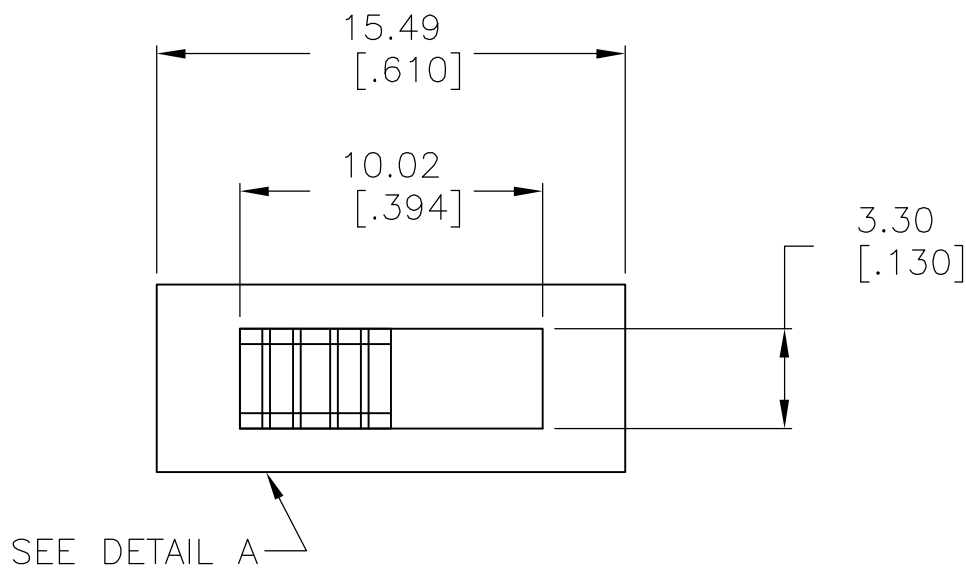


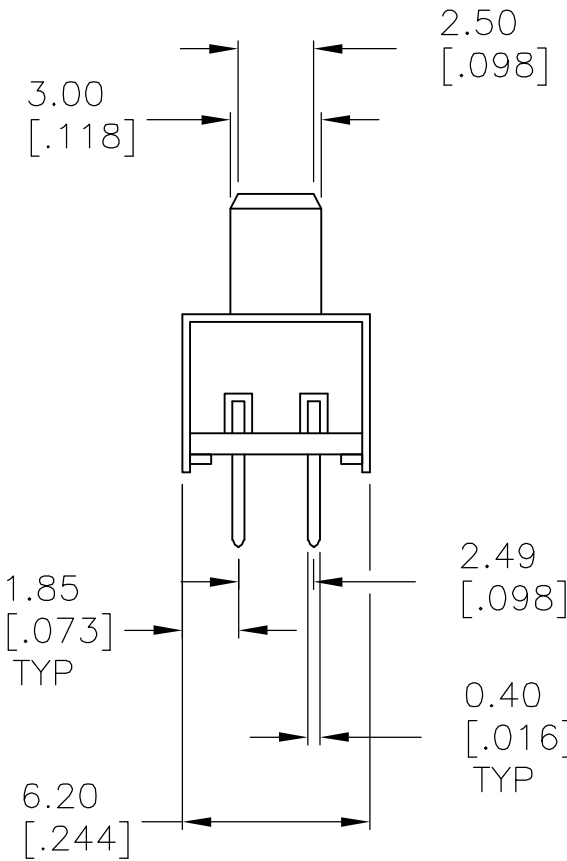
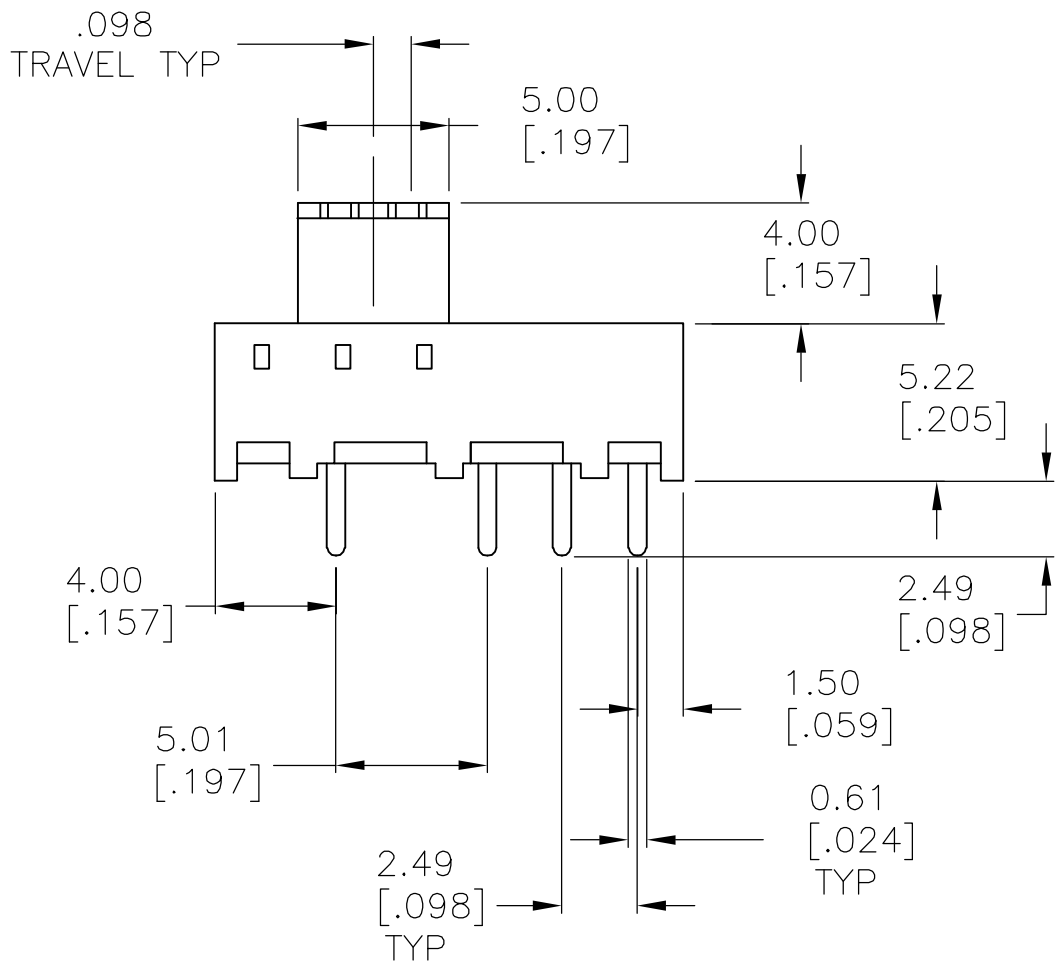
LOC AD	DIST 00	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			A1	ECO-06-029077	06FEB2007	RB	MS

D

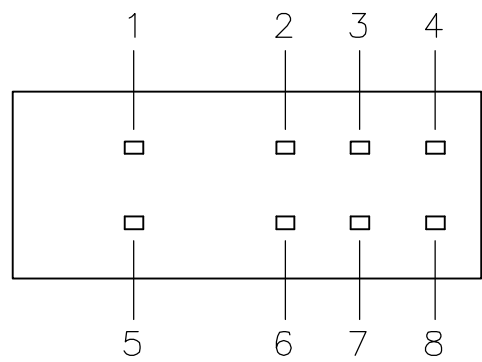


DETAIL A

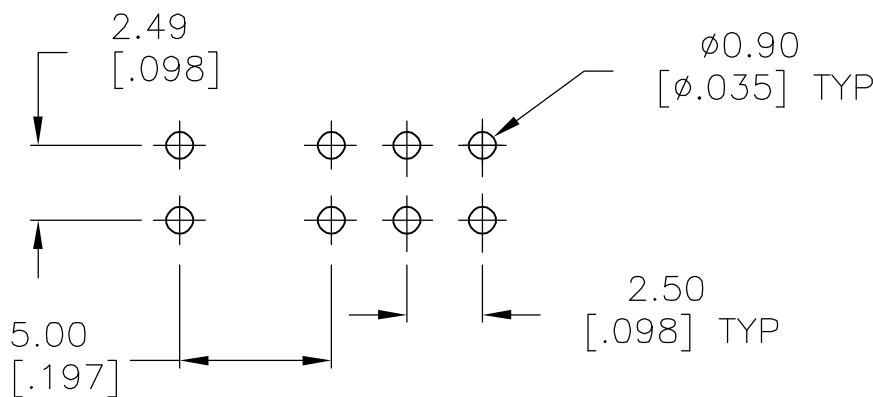
C



B



A



RECOMENDED HOLE LAYOUT

TOLERANCE ±.002 UNLESS
OTHERWISE NOTED

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: 250-100 GRAMS

TRAVEL: 2.49 [.098]

ENVIRONMENTAL:

OPERATING TEMPERATURE: -10° C TO +60° C

STORAGE TEMPERATURE: -10° C 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.

1-2 5-6	2-3 6-7	2-4 6-8	1 2 3 4 • • • • 5 6 7 8	DP3T	STS2300PC04	1825164-1
			BOTTOM VIEW	FUNCTION	T&B PART NUMBER	TYCO PART NUMBER
FUNCTION DIAGRAM						

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B.S.VISWESWARA		18MAR05		tyco Electronics		Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK M.S.SARVER		-		NAME	
		0 PLC ± -		APVD		-		SLIDE SWITCH (DP3T) STS2300PC SERIES	
		1 PLC ± -		PRODUCT SPEC		-			
		2 PLC ± 0.20 [.008]		-		-			
		3 PLC ± -		APPLICATION SPEC		-			
4 PLC ± -		ANGLES ± 1°		-		SIZE		CAGE CODE	
MATERIAL		FINISH		WEIGHT		-		DRAWING NO	
SEE NOTES		SEE NOTES		A2		00779		C=1825164	
CUSTOMER DRAWING				SCALE		4:1		SHEET	
				1		OF		REV	
				A1					

1825164

B

A