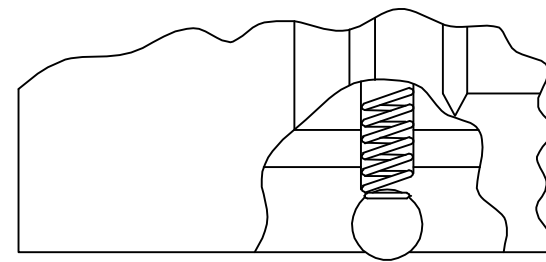
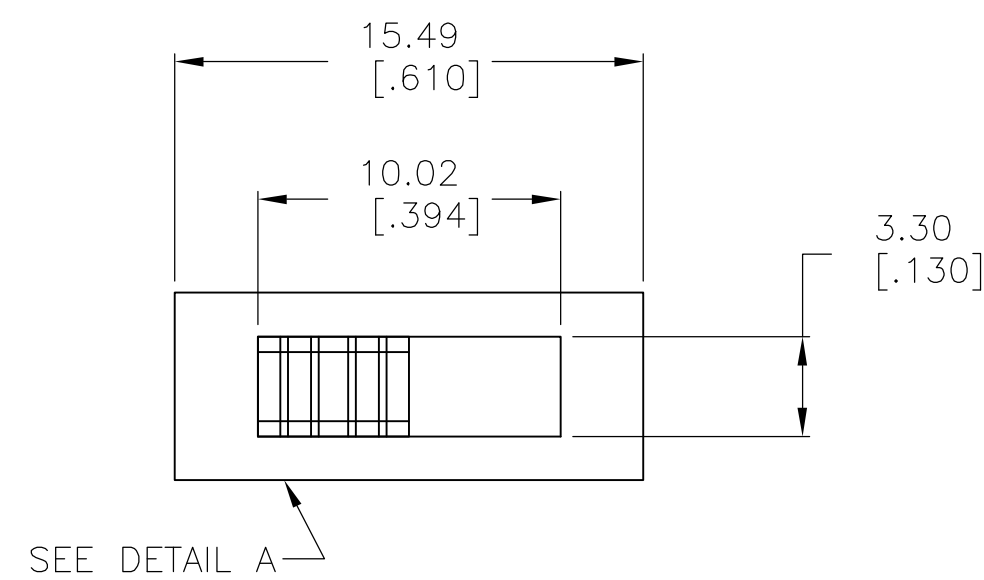
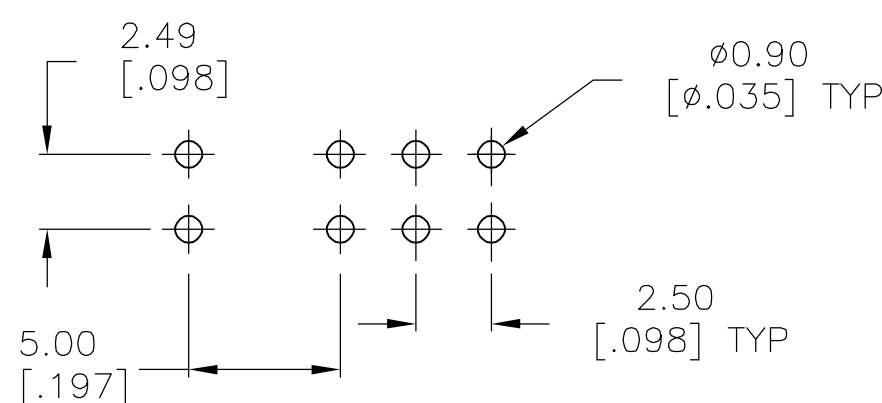
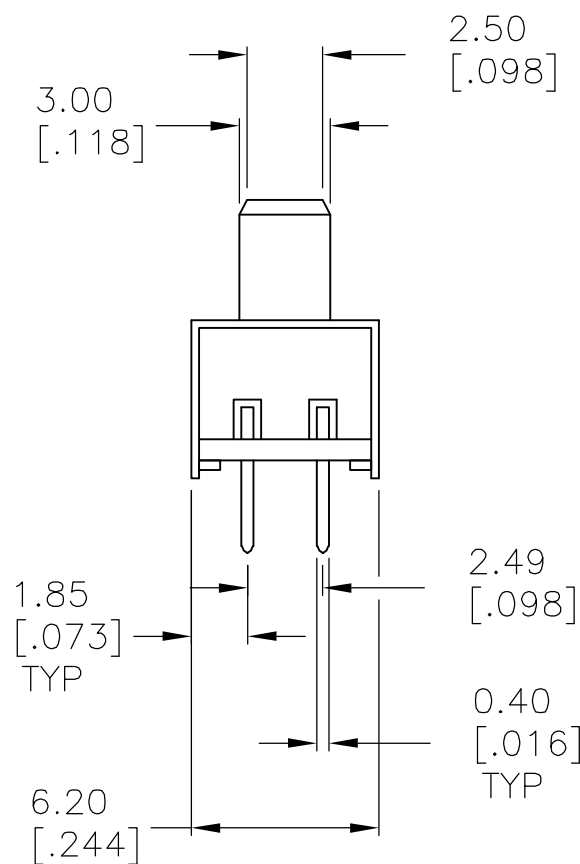
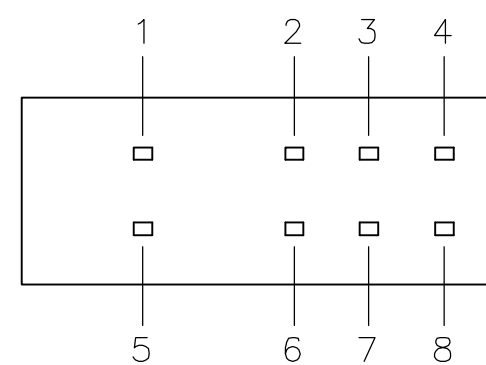
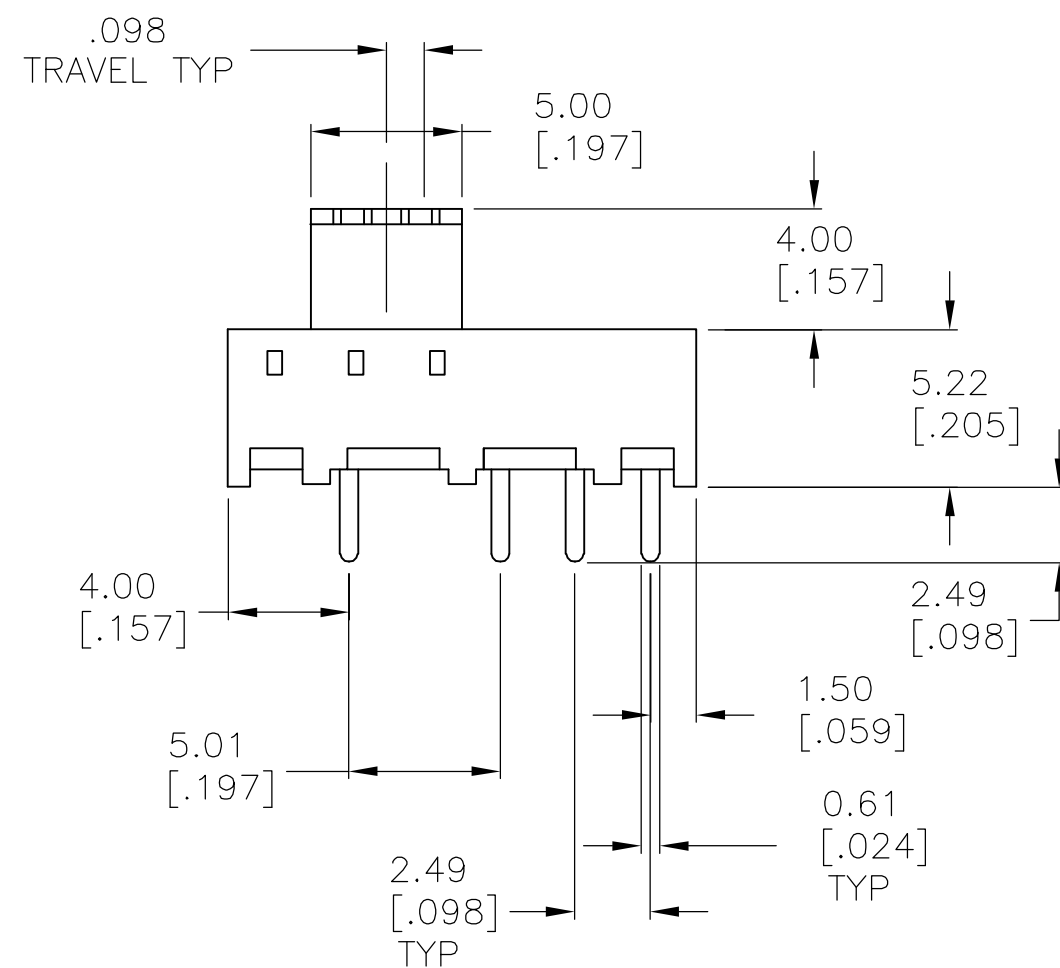


LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A1	ECO-06-029077	06FEB2007	RB	MS



DETAIL A



RECOMENDED HOLE LAYOUT

TOLERANCE $\pm .002$ 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:

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.

1-2 5-6	2-3 6-7	2-4 6-8		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 CHK M.S.SARVER APVD		18MAR05 tyco <i>Electronics</i> Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		
		0 PLC ± - 1 PLC ± - 2 PLC ± 0.20 [.008] 3 PLC ± - 4 PLC ± - ANGLES ± ± 1°		PRODUCT SPEC — APPLICATION SPEC —		
MATERIAL		FINISH		SIZE A2		CAGE CODE 00779
SEE NOTES		SEE NOTES		DRAWING NO C-1825164		RESTRICTED TO —
CUSTOMER DRAWING				SCALE 4:1		SHEET 1 OF 1
				REV		A1