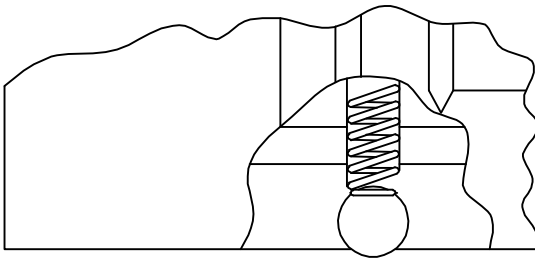
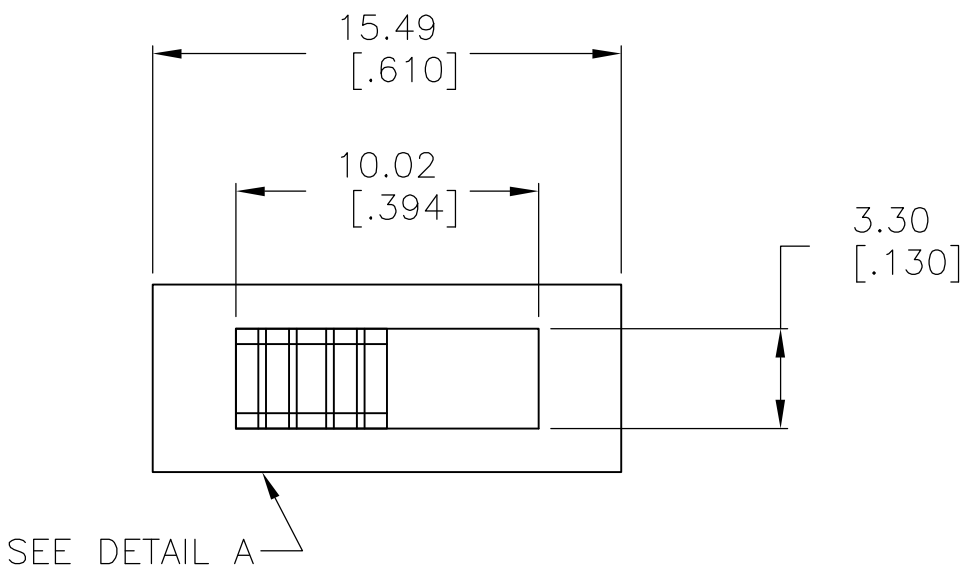


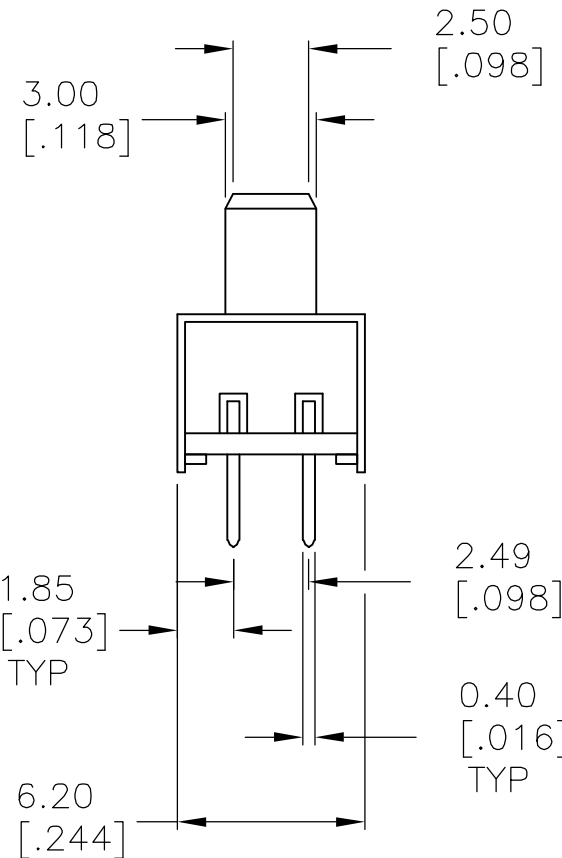
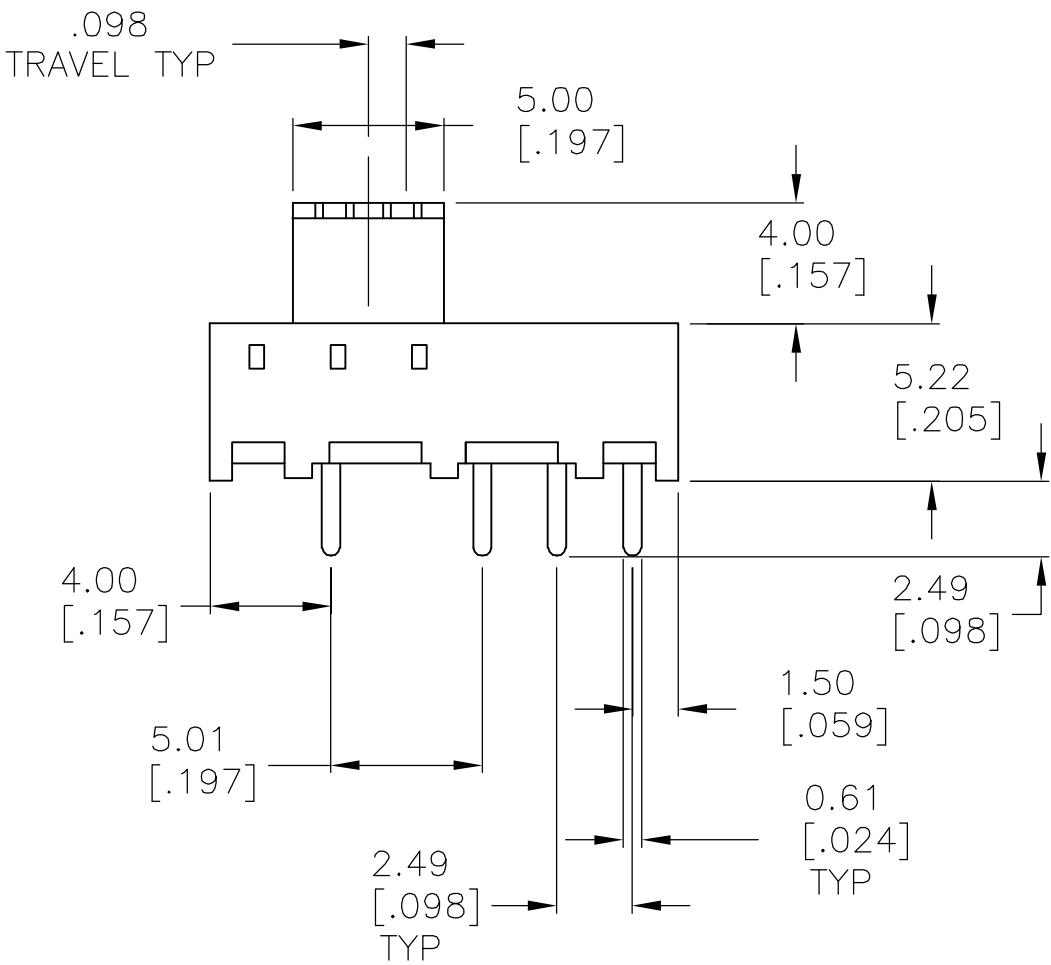
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		A1	ECO-06-029077	06FEB2007	RB	MS

D

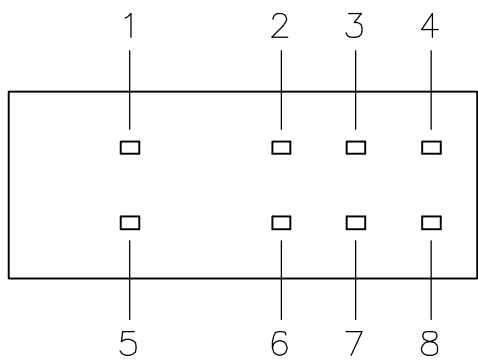


DETAIL A

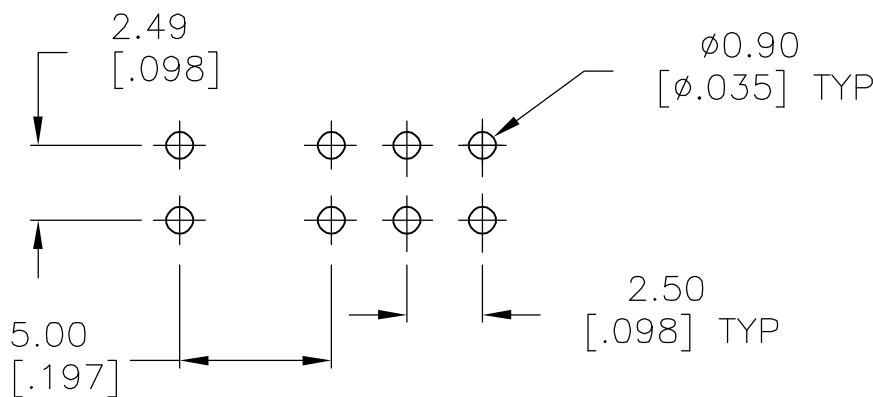
C



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 SLIDE SWITCH (DP3T) STS2300PC SERIES			
		0 PLC ± - 1 PLC ± - 2 PLC ± 0.20 [.008] 3 PLC ± - 4 PLC ± - ANGLES ± 1°		APVD -	-				
		FINISH		PRODUCT SPEC -					
MATERIAL SEE NOTES		FINISH SEE NOTES		APPLICATION SPEC -		SIZE A2	CAGE CODE 00779	DRAWING NO C-1825164	RESTRICTED TO -
CUSTOMER DRAWING						SCALE 4:1	SHEET 1 of 1	REV A1	

1825164

B

A

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[STS2300PC04](#)