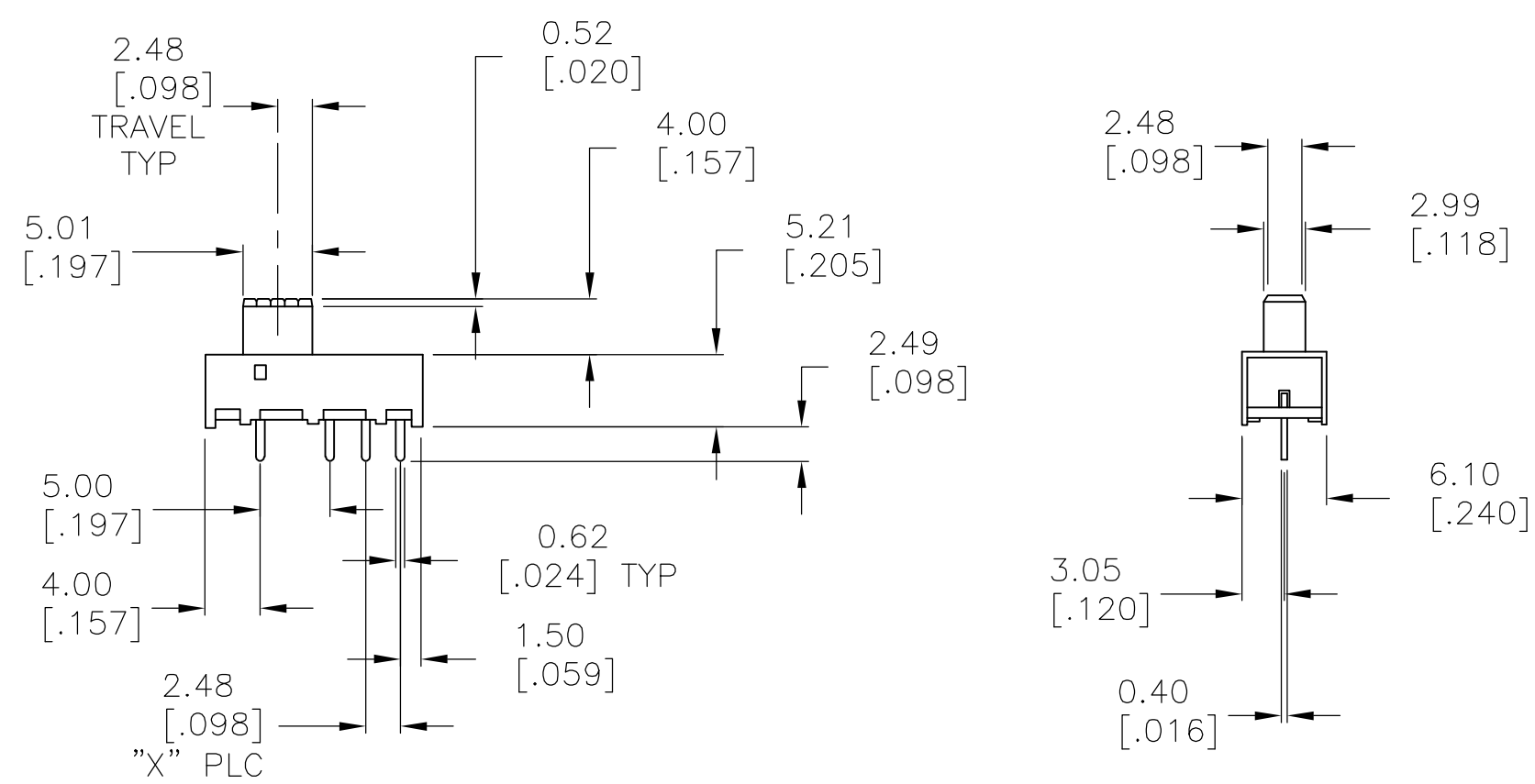
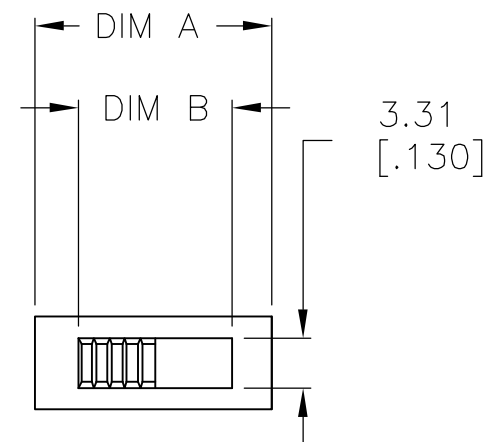
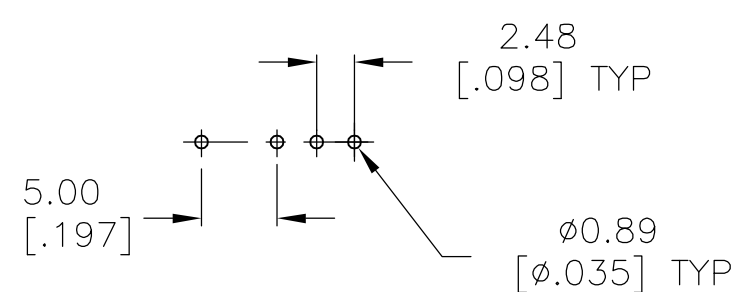
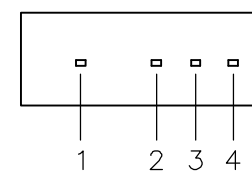
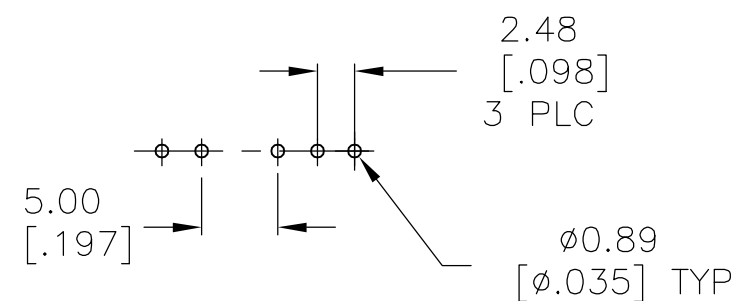




1825161-1 AS SHOWN



P.C. HOLE LAYOUT
(1825161-1)



P.C. HOLE LAYOUT
(1825161-2)

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	12.50[.492]	18.01[.709]	SP4T	STS1400PC04	1825161-2
								2	10.01[.394]	15.50[.610]	SP3T	STS1300PC04	1825161-1
								X PLC	DIM B	DIM A	FUNCTION	T&B P/N	TYCO P/N
FUNCTION DIAGRAM							BOTTOM VIEW						

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B.S.VISWESWARA CHK M. S SARVER APVD	01APR05 tyco Electronics Tyco Electronics Corporation Harrisburg, Pa 17105-3608			
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± 0.20[.008] 3 PLC ± - 4 PLC ± - ANGLES ± ± -	PRODUCT SPEC - APPLICATION SPEC -	NAME SLIDE SWITCH, STS1300PC & STS1400PC SERIES -			
						
MATERIAL -	FINISH -	WEIGHT -	SIZE A2	CAGE CODE 00779	DRAWING NO C-1825161	RESTRICTED TO -
CUSTOMER DRAWING			SCALE 2:1	SHEET 1 of 1	REV A1	