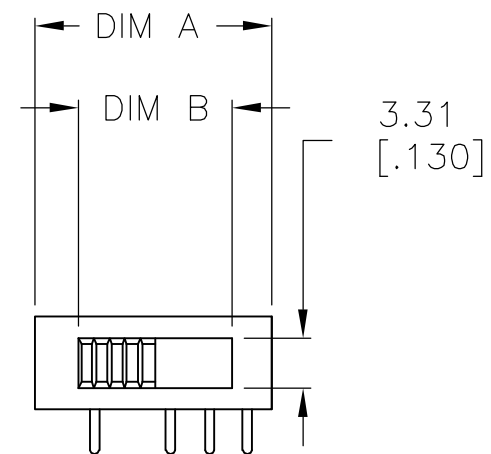




SPECIFICATIONS:
MAKE-BEFORE-BREAK

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

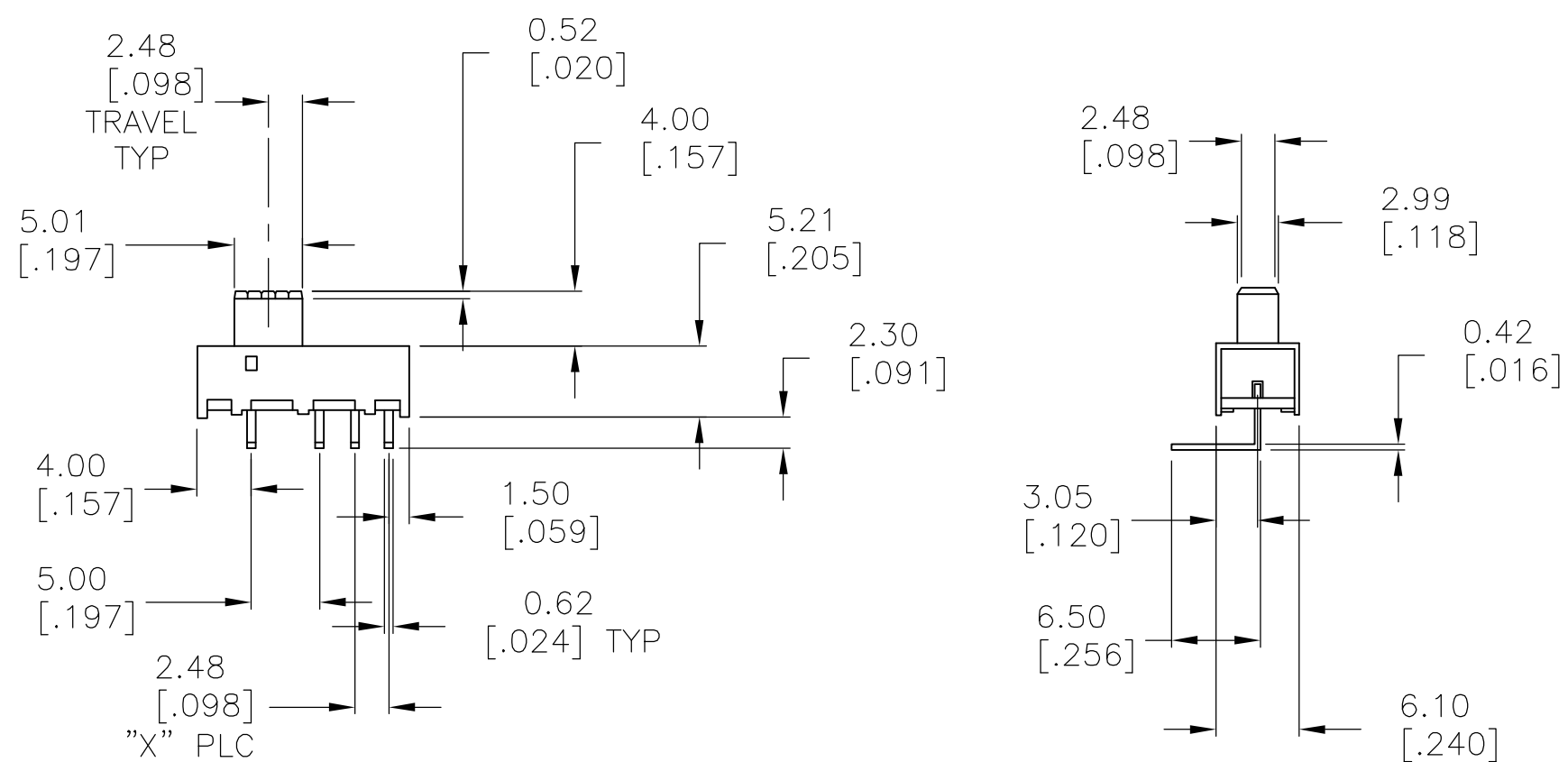
ELECTRICAL:
CONTACT RATING: 250 MILLIAMPS@125V AC
CONTACT RESISTANCE: 30 MILLIOHMS MAX (INITIAL),
60 MILLIOHMS AFTER TEST
INSULATION RESISTANCE: 500 MEGOHMS MIN AT 500V DC
DIELECTRIC STRENGTH: 500 VAC RMS AT SEA LEVEL
LIFE EXPECTANCY: 10,000 CYCLES MIN. NO LOAD

MECHANICAL:
ACTUATION FORCE: 250 +150/-100 GRAMS
TRAVEL: 2.49 (.098)

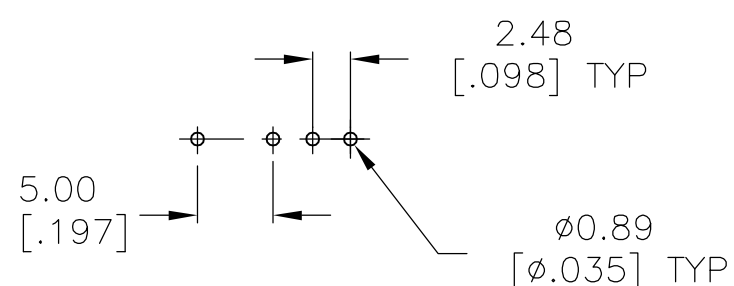
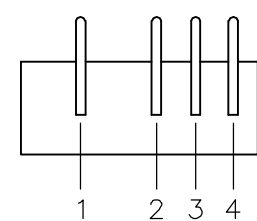
ENVIRONMENTAL:
OPERATING TEMPERATURE: -10° TO +60°C
STORAGE TEMPERATURE: -10° TO +60°C
RESISTANCE TO SOLDER HEAT: 260°C FOR 10 SEC PER 109-202, COND. B
SOLDERABILITY: PER EIA-364-56A, PROCEDURE 3, COND. B

NOTES:

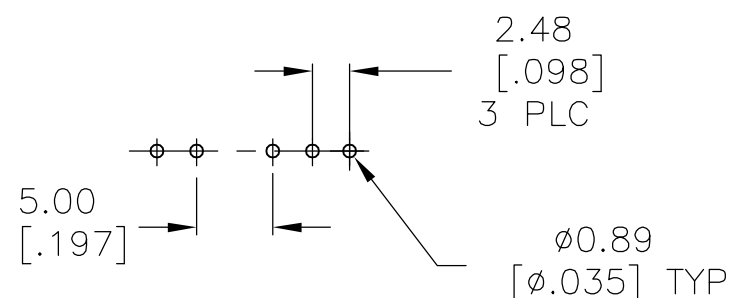
1. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
2. ALL PERFORMANCE SPECIFICATIONS WERE TESTED IN ACCORDANCE WITH JIS-C-5441 UNLESS OTHERWISE STATED.



1825162-1 AS SHOWN



P.C. HOLE LAYOUT
(1825162-1)



P.C. HOLE LAYOUT
(1825162-2)

1-3	2-3	3-4	3-5	-	-	-		3	12.50[.492]	18.01[.709]	SP4T	STS1400RA04	1825162-2
-	-	-	-	1-2	2-3	2-4		2	10.01[.394]	15.50[.610]	SP3T	STS1300RA04	1825162-1
							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 CHK M S SARVER APVD —		 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 ± —		PRODUCT SPEC — APPLICATION SPEC —	
MATERIAL		FINISH		SIZE A2	
—		—		CAGE CODE 00779	
		WEIGHT		DRAWING NO C-1825162	
		—		RESTRICTED TO	
				—	
CUSTOMER DRAWING				SCALE 2:1	
				SHEET 1 OF 1	
				REV A1	