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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
AD	00	A3		REVISED PER ECO-11-004820	11MAR11	RK	HMR

**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: PHENOLIC RESIN

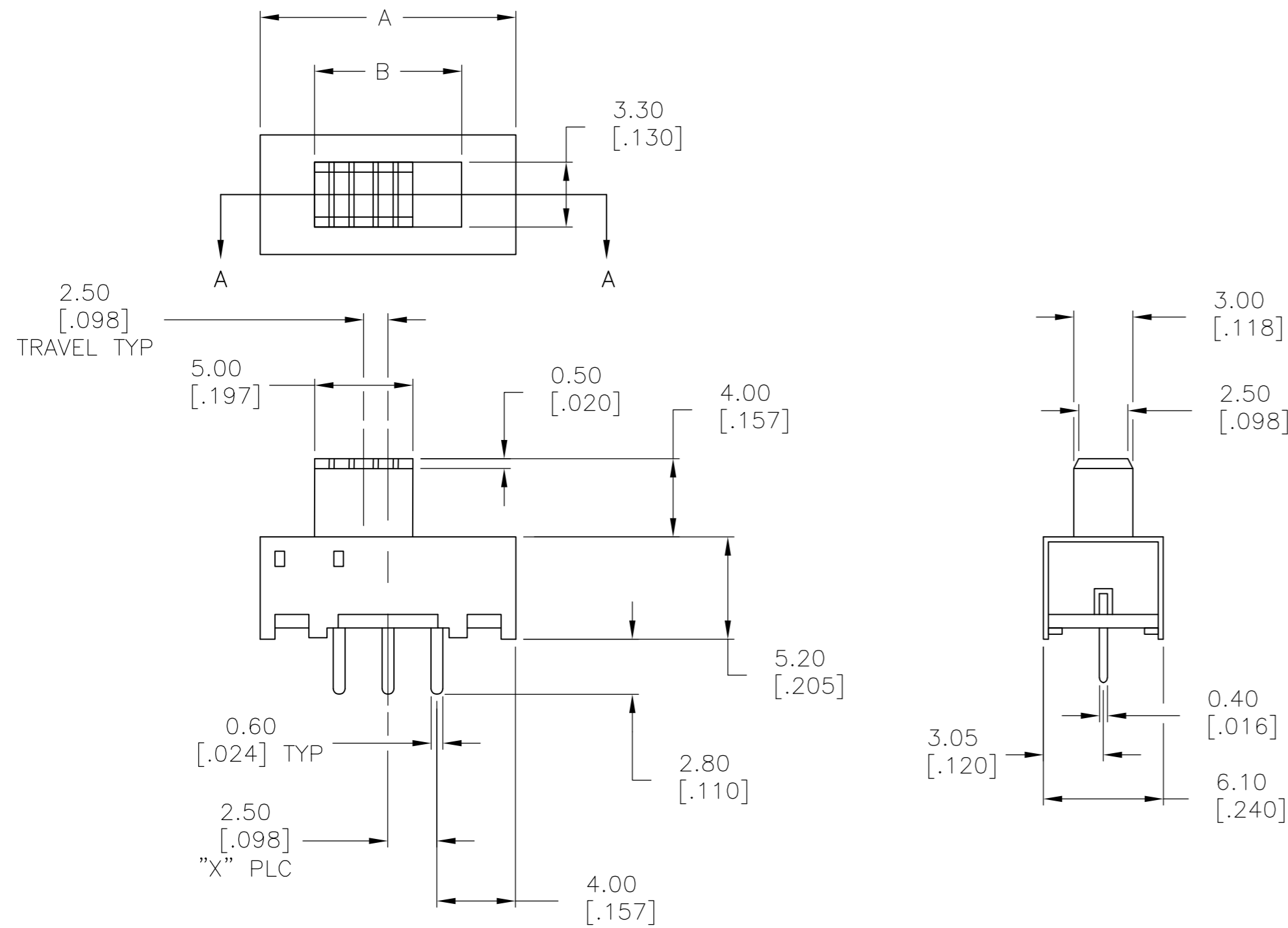
**ELECTRICAL:**  
 CONTACT RATING: 250 MILLIAMPS@125V AC  
 CONTACT RESISTANCE: 30 MILLIOHMS MAX (INITIAL), 60 MILLIOHMS AFTER TEST  
 INSULATION RESISTANCE: 500 MEGOHMS MIN AT 500V DC  
 DIELECTRIC STRENGTH: 500 VAC RMS AT SEA LEVEL  
 LIFE EXPECTANCY: 10,000 CYCLES MIN. NO LOAD

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

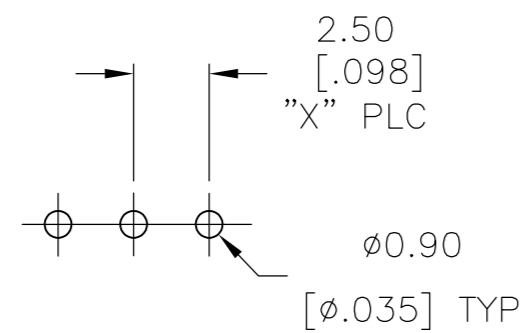
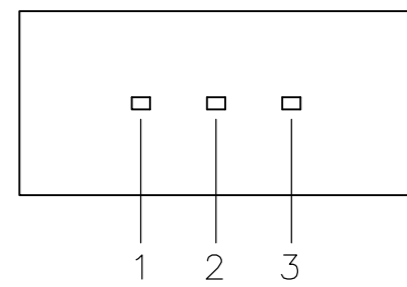
**ENVIRONMENTAL:**  
 OPERATING TEMPERATURE: -10 TO +60 DEGREES C  
 STORAGE TEMPERATURE: -10 TO +60 DEGREES C  
 RESISTANCE TO SOLDER HEAT: 260 C FOR 10 SEC PER 109-202, COND. B  
 SOLDERABILITY: PER EIA-364-56A, PROCEDURE 3, COND. B

**NOTES:**

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



1825159-1 AS SHOWN



P.C. HOLE LAYOUT

X PLC	DIM B	DIM A	FUNCTION	T&B PART NUMBER	PART NUMBER
6	17.50[.689]	23.01[.906]	SP6T	STS161PC04	1825159-5
5	15.01[.591]	20.50[.807]	SP5T	STS151PC04	1825159-4
4	12.50[.492]	18.01[.709]	SP4T	STS141PC04	1825159-3
3	10.01[.394]	15.50[.610]	SP3T	STS131PC04	1825159-2
2	7.49[.295]	13.00[.512]	SPDT	STS121PC04	1825159-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	16MAR05		 TE Connectivity
DIMENSIONS: mm [INCHES]		CHK	B.S.VISWESWARA		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	M.S.SARVER		
0 PLC ± - 1 PLC ± - 2 PLC ± 0.20[.008] 3 PLC ± - 4 PLC ± - ANGLES ± -		NAME			
MATERIAL		PRODUCT SPEC		SLIDE SWITCH	
FINISH		APPLICATION SPEC		STS121PC TO STS161PC SERIES	
WEIGHT		WEIGHT		SIZE	RESTRICTED TO
RESTRICTED CUSTOMER		SCALE		CAGE CODE	DRAWING NO
		4:1		A2 00779	1825159
		SHEET		REV	
		1 OF 2		A3	

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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
AD	00	SEE SHEET 1	-	-	-		

PART NUMBER

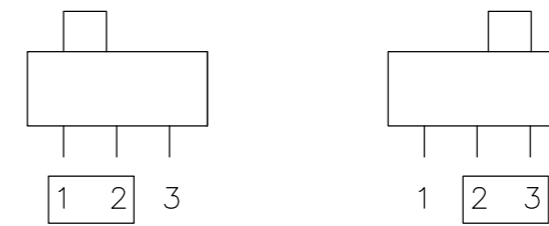
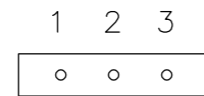
FUNCTION

BOTTOM VIEW

FUNCTION DIAGRAM

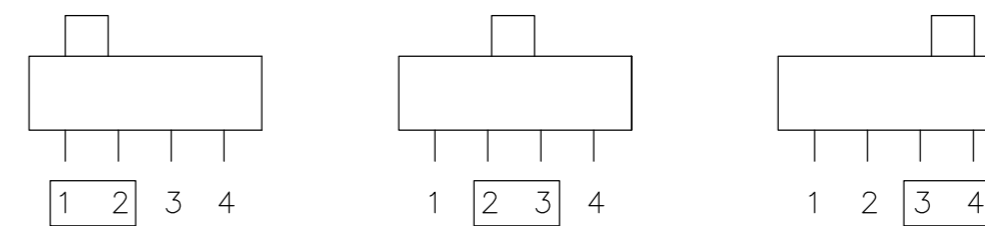
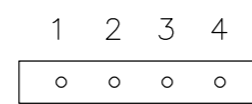
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SPDT



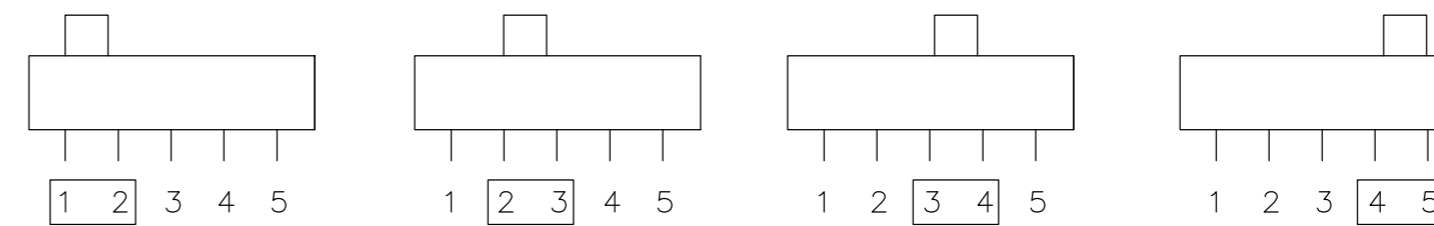
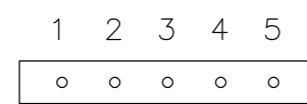
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SP3T



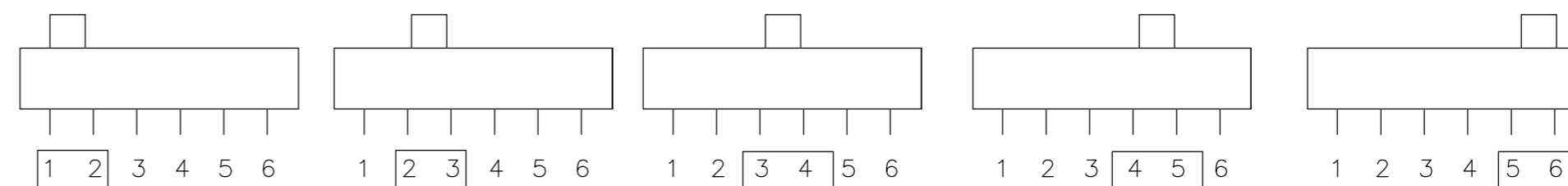
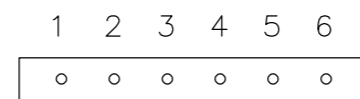
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SP4T



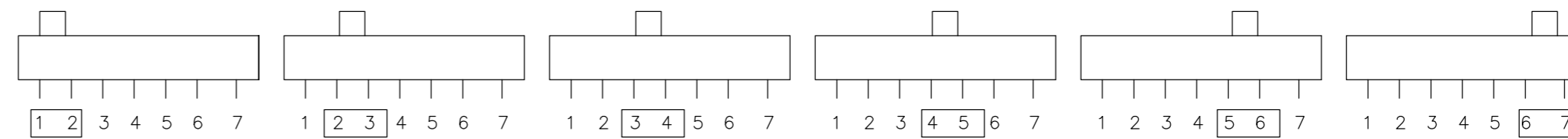
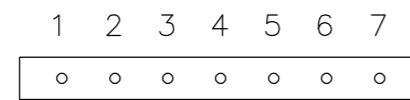
1825159-4

SP5T



1825159-5

SP6T



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B.S.VISWESWARA	16MAR05		TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK M.S.SARVER	APVD -		NAME SLIDE SWITCH STS121PC TO STS161PC SERIES	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC -		APPLICATION SPEC -		
MATERIAL -		FINISH -		SIZE A2	CAGE CODE 00779	DRAWING NO C=1825159
0 PLC ± - 1 PLC ± - 2 PLC ± 0.20[.008] 3 PLC ± - 4 PLC ± - ANGLES ± -		WEIGHT -		RESTRICTED TO -		
RESTRICTED CUSTOMER		SCALE 4:1		SHEET 2 OF 2		REV A3

1825159