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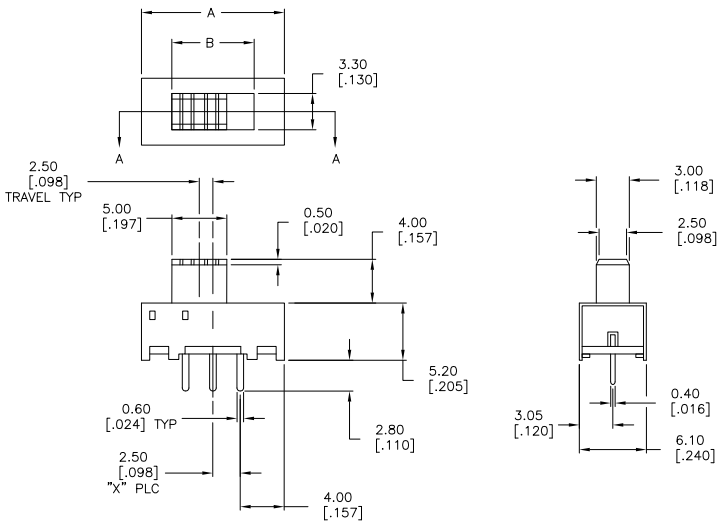
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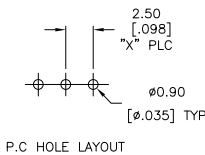
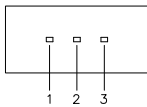
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LOC	DIST	REVISIONS					
AD	00	F	LR	DESCRIPTION	DATE	MIN	APD
		A3		REVISED PER ECO-11-004820	11MAR11	RK	HMR



1825159-1 AS SHOWN



**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.

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
X PLC	DIM B	DIM A	FUNCTION	T&B PART NUMBER	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG. S.S.VISHWESWARA		REMARKS	
DIMENSIONS: mm [INCHES]		M.S.SARVER		TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED		APPC		SLIDE SWITCH	
0 PLC ±		PRODUCT SPEC		STS121PC TO STS161PC SERIES	
1 PLC ±		APPLICATION SPEC		SIZE CASE CODE DRAWING NO	
2 PLC ± 0.2(0.008)		WEIGHT		A2 00779 C=1825159	
3 PLC ±		FINISH		RESTRICTED TO	
4 PLC ±		RESTRICTED CUSTOMER		SCALE 4:1 SHEET 1 of 2 REV A3	
ANGLES ±					

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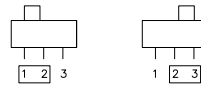
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LOC	DIST	REVISIONS			
F	LW	DESCRIPTION	DATE	OWN	APPD
-	-	SEE SHEET 1	-	-	-

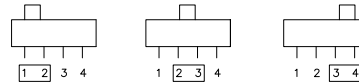
PART NUMBER	FUNCTION	BOTTOM VIEW
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FUNCTION DIAGRAM
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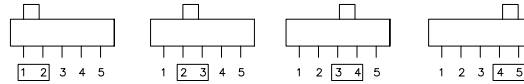
1825159-1	SPDT	
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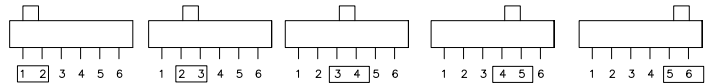
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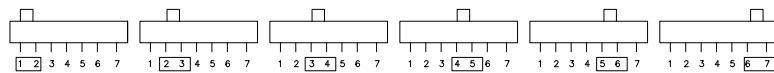
1825159-3	SP4T	
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1825159-4	SP5T	
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1825159-5	SP6T	
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THIS DRAWING IS A CONTROLLED DOCUMENT.		DRW: S.S.VISHWESWARA	REMARKS
DIMENSIONS: mm [INCHES]		CHK: M.S.SARVER	TE Connectivity
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APP: -	NAME
0 PLG	±	PRODUCT SPEC	SLIDE SWITCH
1 PLG	±	APPLICATION SPEC	STS121PC TO STS161PC SERIES
2 PLG	± 0.25(0.010)	WEIGHT	RESTRICTED TO
3 PLG	±	RESTRICTED CUSTOMER	SCALE: 4:1 SHEET: 2 of 2 REV: A3
4 PLG	±		
ANGLES	±		
FINISH	-		