



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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

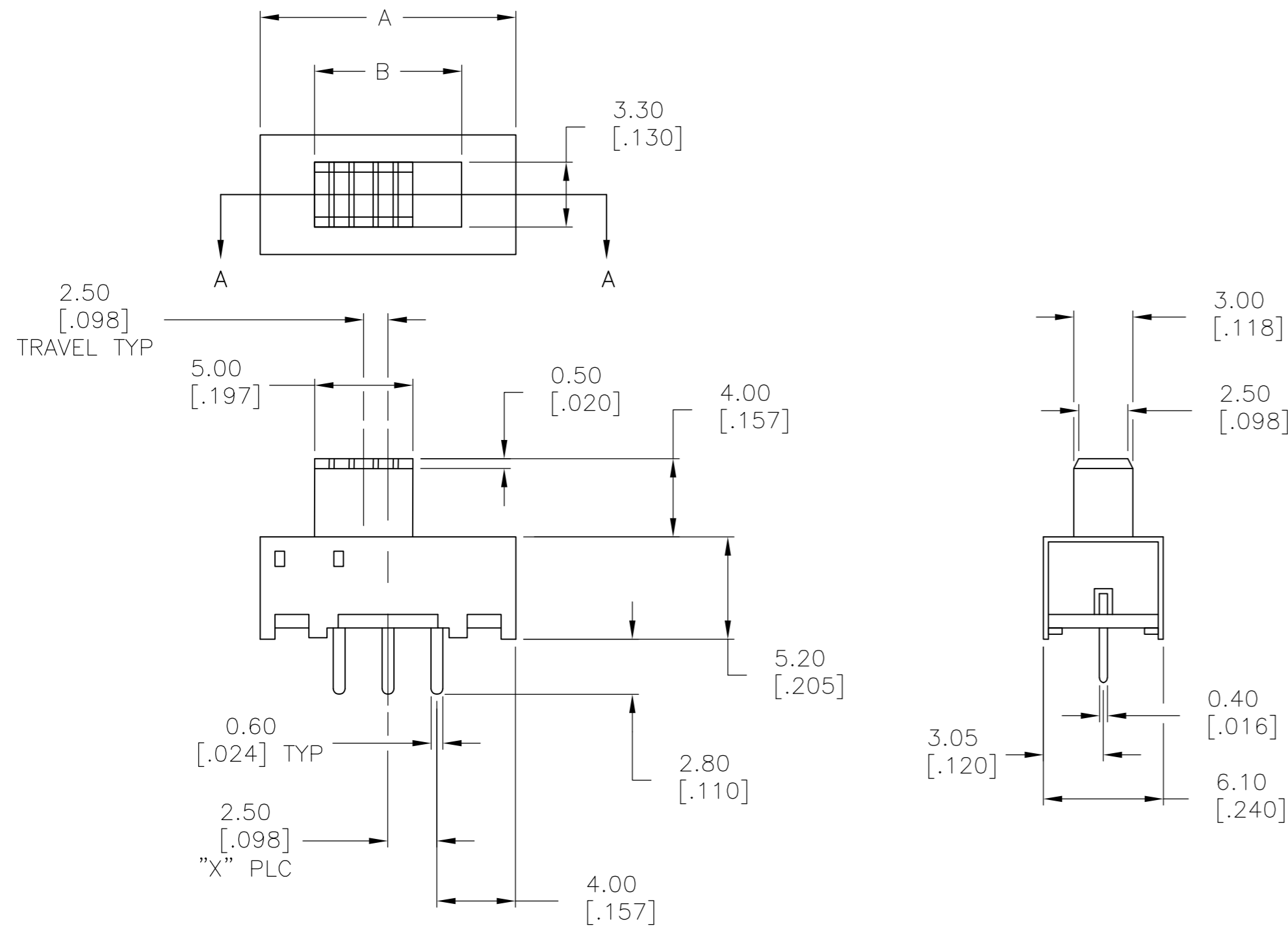
ELECTRICAL:
 CONTACT RATING: 250 MILLIAMPS@125V AC
 CONTACT RESISTANCE: 30 MILLIOHMS MAX (INITIAL), 60 MILLIOHMS AFTER TEST
 INSULATION RESISTANCE: 500 MEGOHMS MIN AT 500V DC
 DIELECTRIC STRENGTH: 500 VAC RMS AT SEA LEVEL
 LIFE EXPECTANCY: 10,000 CYCLES MIN. NO LOAD

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

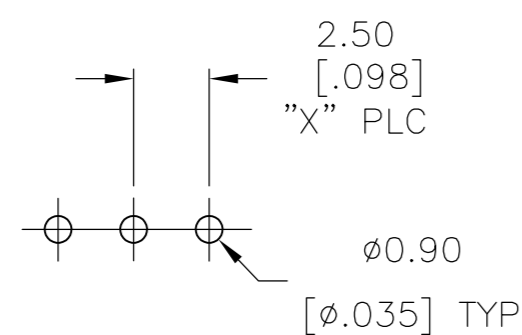
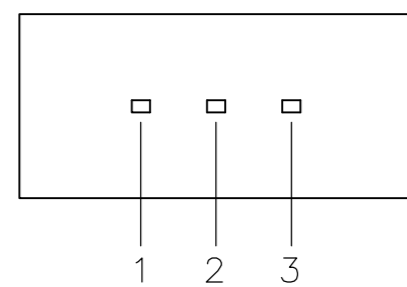
ENVIRONMENTAL:
 OPERATING TEMPERATURE: -10 TO +60 DEGREES C
 STORAGE TEMPERATURE: -10 TO +60 DEGREES C
 RESISTANCE TO SOLDER HEAT: 260 C FOR 10 SEC PER 109-202, COND. B
 SOLDERABILITY: PER EIA-364-56A, PROCEDURE 3, COND. B

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 SLIDE SWITCH STS121PC TO STS161PC SERIES	
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 ± -		PRODUCT SPEC	-			
MATERIAL	FINISH	WEIGHT	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
-	-	-	A2	00779	C=1825159	-
RESTRICTED CUSTOMER			SCALE	SHEET	REV	
			4:1	1 OF 2	A3	

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

PART NUMBER

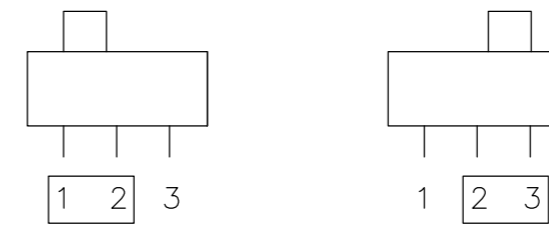
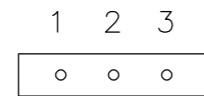
FUNCTION

BOTTOM VIEW

FUNCTION DIAGRAM

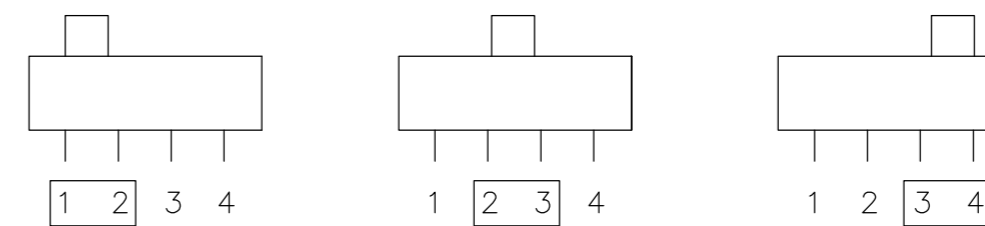
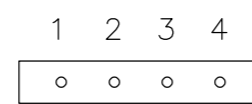
1825159-1

SPDT



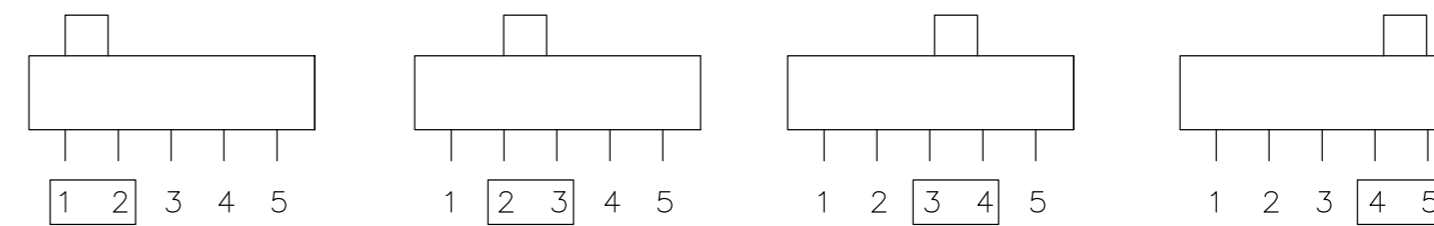
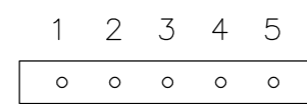
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SP3T



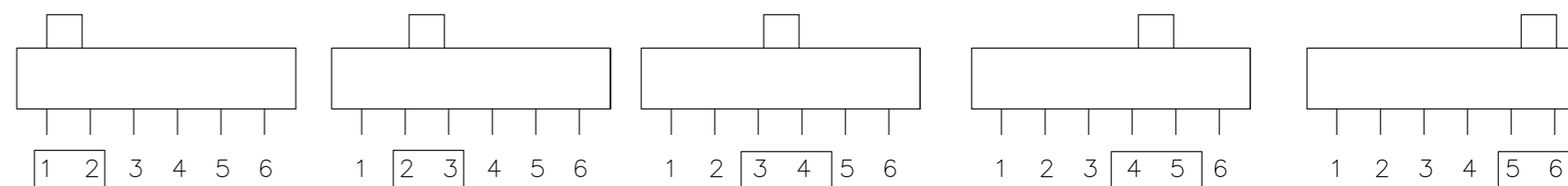
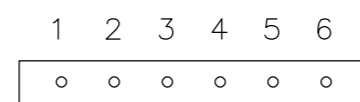
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SP4T



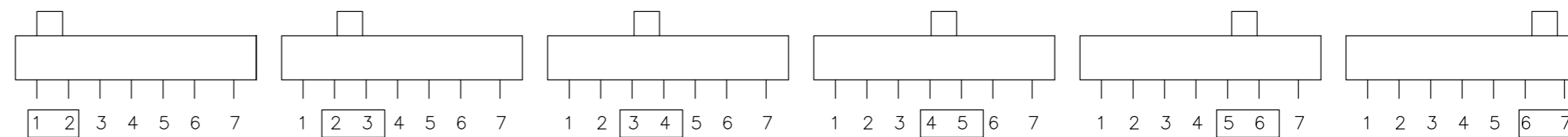
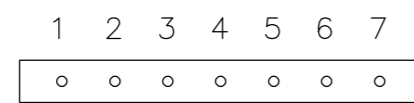
1825159-4

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