



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!



Contact us

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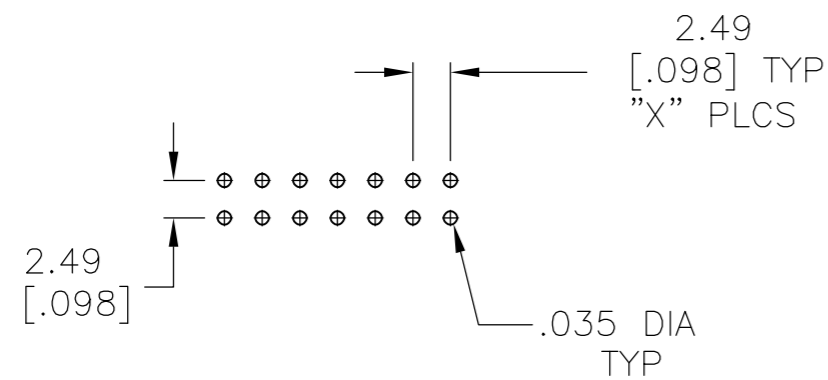
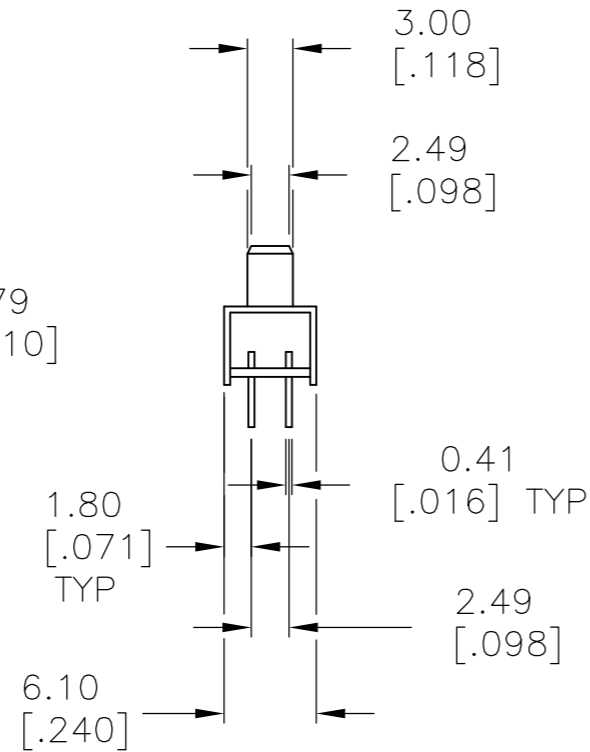
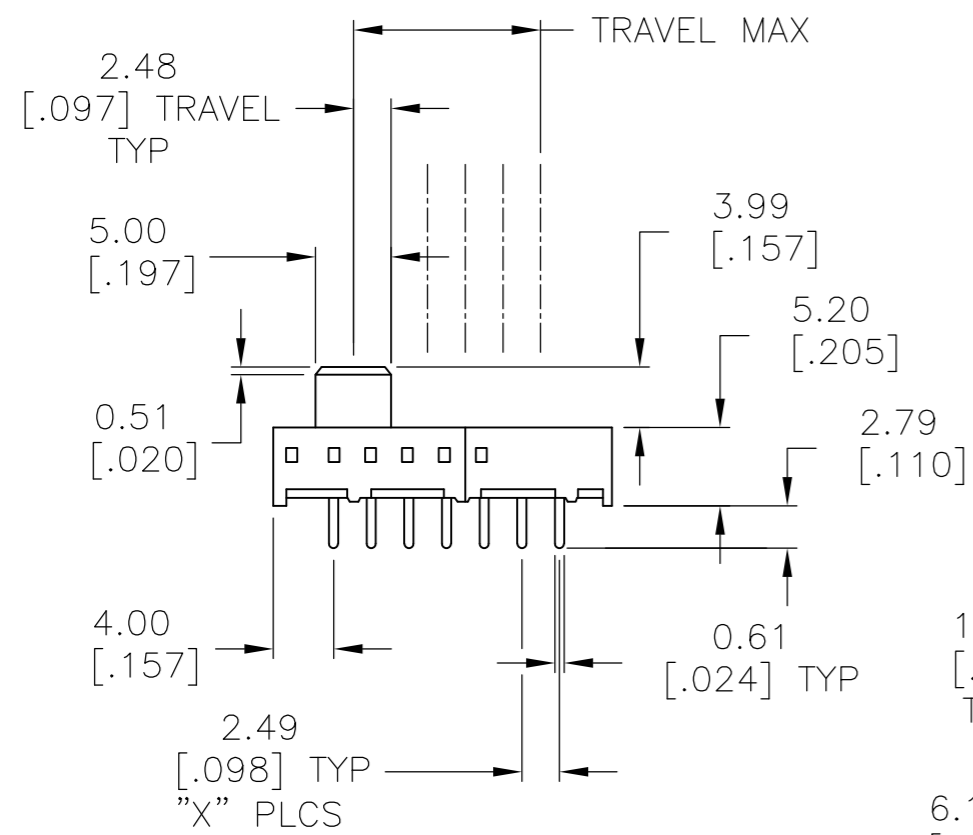
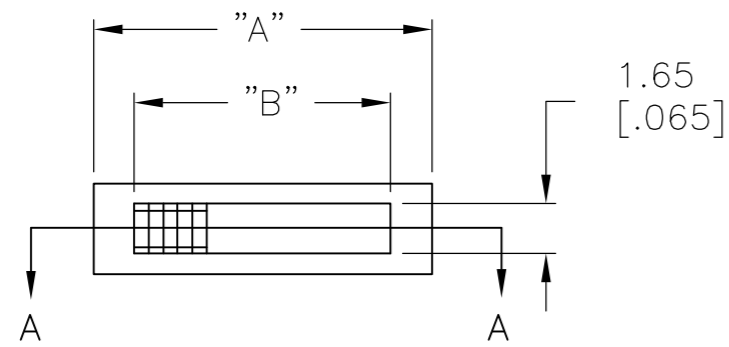
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

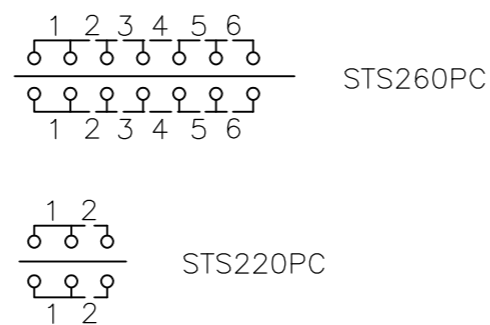


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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
AD	00						
	A3	REVISED PER ECO-11-004820	11MAR11	RK	HMR		



P.C. HOLE LAYOUT



EXAMPLES: MIN-MAX TRAVEL OF SWITCH

STS 260PC (DP6T)	23.00 [.906]	17.50 [.689]	6 PLCS
STS 250PC (DP5T)	20.50 [.807]	15.00 [.591]	5 PLCS
STS 240PC (DP4T)	18.00 [.709]	12.50 [.492]	4 PLCS
STS 230PC (DP3T)	15.50 [.610]	10.00 [.394]	3 PLCS
STS 220PC (DP2T)	13.00 [.512]	7.50 [.295]	2.50 [.098]
PART IDENTIFICATION	A DIM	B DIM	X PLC

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: .098 (2.49MM)

ENVIRONMENTAL:

OPERATING TEMPERATURE: -10°C TO +60°C
 STORAGE TEMPERATURE: -10°C 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:

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

6	17.50 [.689]	23.00 [.906]	DP6T	STS260PC04	1825163-5
5	15.00 [.591]	20.50 [.807]	DP5T	STS250PC04	1825163-4
4	12.50 [.492]	18.00 [.709]	DP4T	STS240PC04	1825163-3
3	10.00 [.394]	15.50 [.610]	DP3T	STS230PC04	1825163-2
2	7.50 [.295]	13.00 [.512]	DPDT	STS220PC04	1825163-1
X PLC	DIM B	DIM A	FUNCTION	T&B P/N	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	B.S.VISWESWARA	31MAR05	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK	M S SARVER		NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	M S SARVER		SWITCH-SLIDE (DP*T) P/N STS2*0PC	
0 PLC ± -		PRODUCT SPEC			SIZE	CAGE CODE
1 PLC ± -		APPLICATION SPEC			A2	00779
2 PLC ± .008(0.20)					DRAWING NO	RESTRICTED TO
3 PLC ± -					C=1825163	
4 PLC ± -					SCALE	SHEET
ANGLES ± 1°					2:1	1 of 2
MATERIAL	FINISH	WEIGHT			REV	A3
-	-	-				
CUSTOMER DRAWING						

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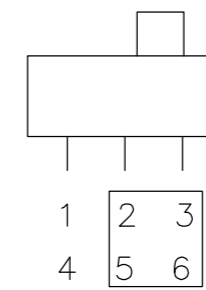
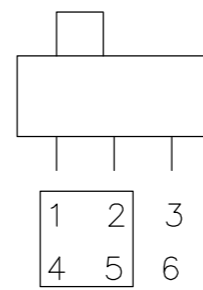
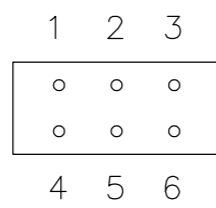
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
AD	00	SEE SHEET 1	-	-	-		

PART NUMBER POSITION BOTTOM VIEW

FUNCTION DIAGRAM

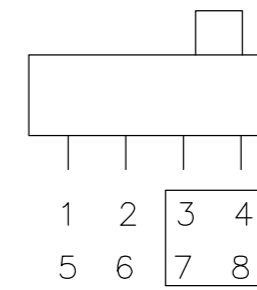
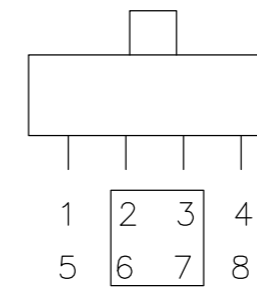
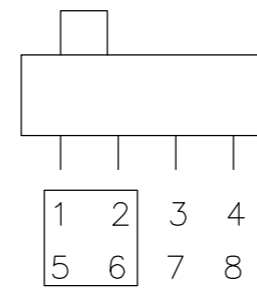
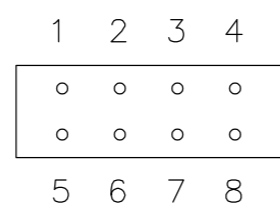
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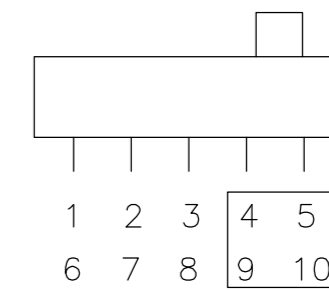
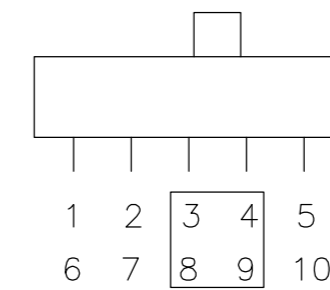
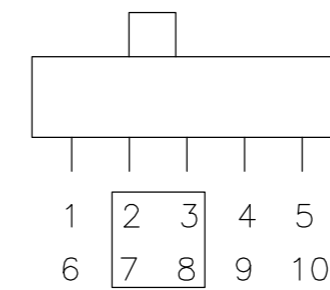
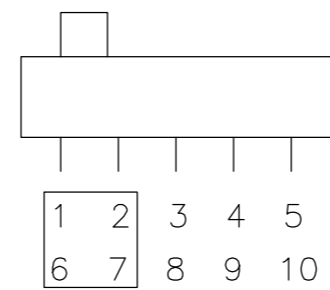
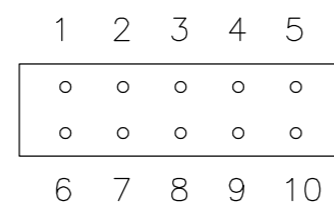
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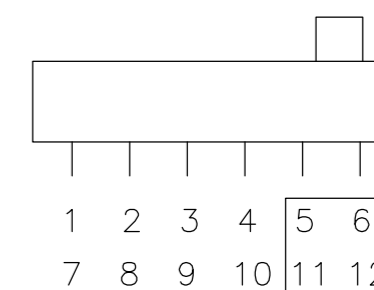
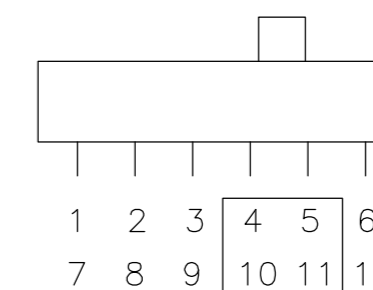
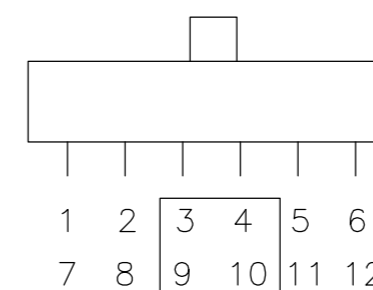
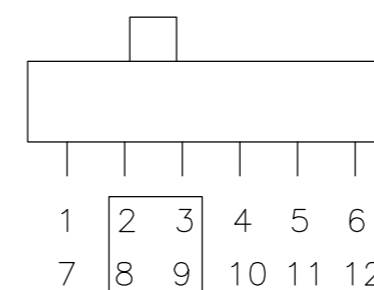
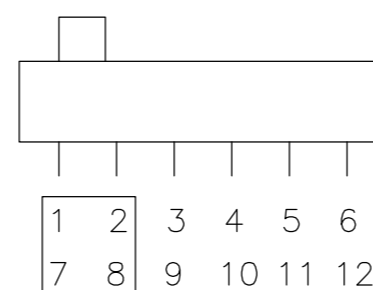
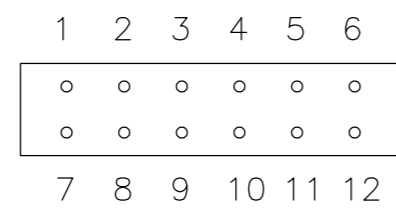
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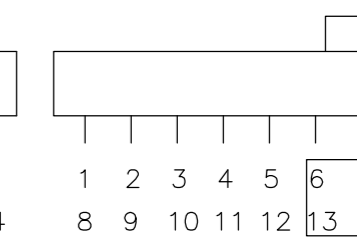
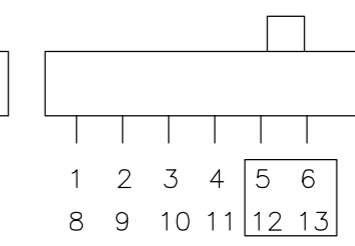
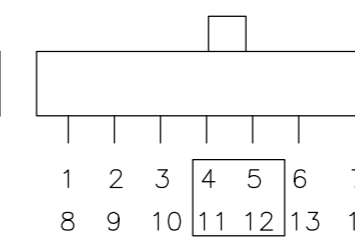
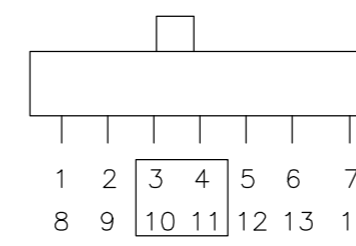
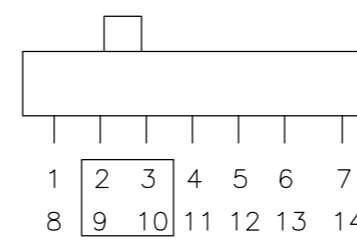
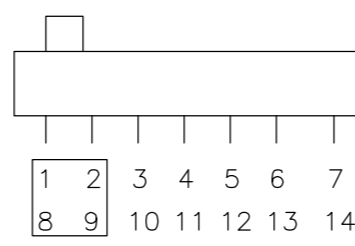
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-5

6



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B.S.VISWESWARA 31MAR05		
DIMENSIONS: mm [INCHES]		CHK M S SARVER		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± .008(0.20) 3 PLC ± - 4 PLC ± - ANGLES ± 1°		APVD M S SARVER	NAME SWITCH-SLIDE (DP*T) P/N STS2*0PC	
MATERIAL		FINISH	WEIGHT	RESTRICTED TO
-		-	-	-
CUSTOMER DRAWING			SCALE 2:1	SHEET 2 OF 2
			REV A3	