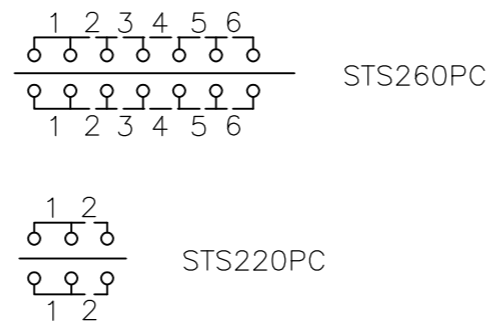
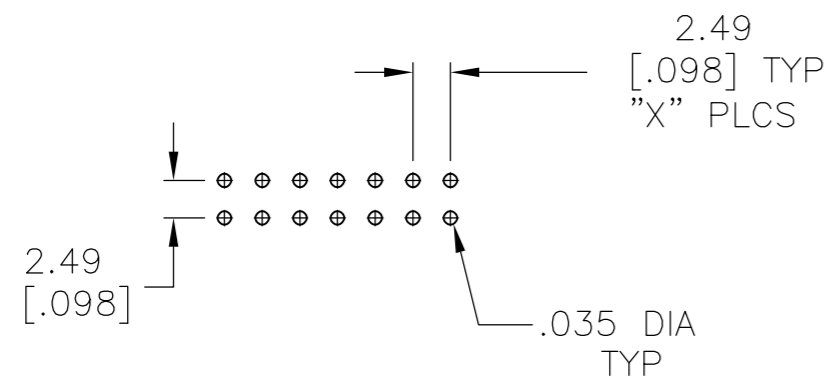
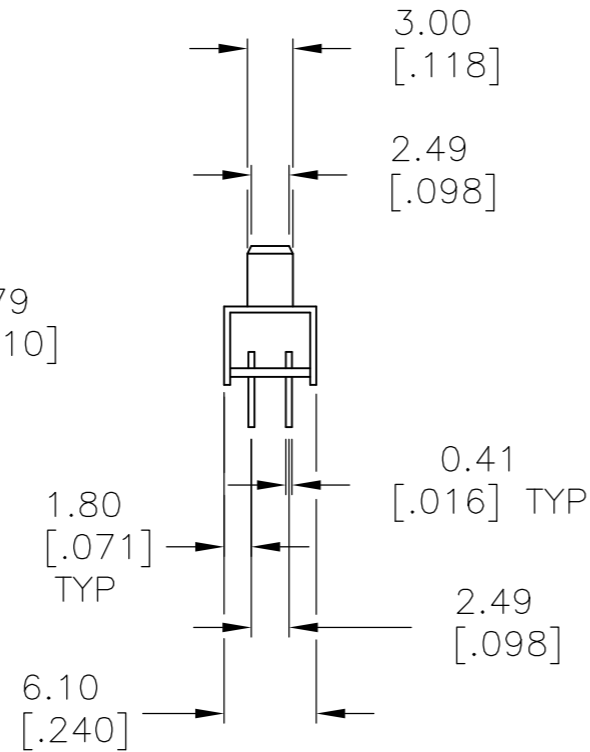
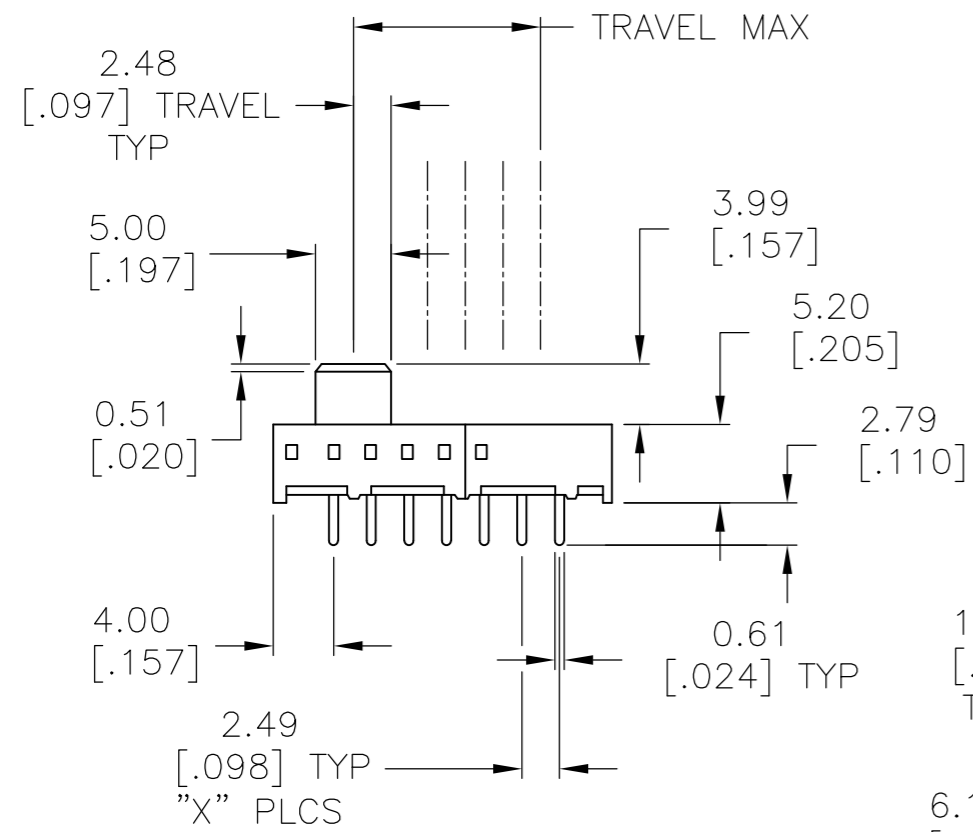
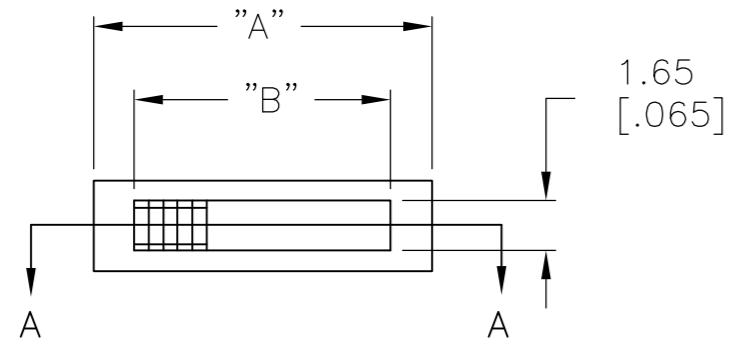


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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
AD	00						
	A3	REVISED PER ECO-11-004820	11MAR11	RK	HMR		



P.C. HOLE LAYOUT

EXAMPLES: MIN-MAX TRAVEL OF SWITCH

STS 260PC (DP6T)	23.00 [0.906]	17.50 [0.689]	6 PLCS
STS 250PC (DP5T)	20.50 [0.807]	15.00 [0.591]	5 PLCS
STS 240PC (DP4T)	18.00 [0.709]	12.50 [0.492]	4 PLCS
STS 230PC (DP3T)	15.50 [0.610]	10.00 [0.394]	3 PLCS
STS 220PC (DP2T)	13.00 [0.512]	7.50 [0.295]	2.50 [0.098]
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 [0.689]	23.00 [0.906]	DP6T	STS260PC04	1825163-5
5	15.00 [0.591]	20.50 [0.807]	DP5T	STS250PC04	1825163-4
4	12.50 [0.492]	18.00 [0.709]	DP4T	STS240PC04	1825163-3
3	10.00 [0.394]	15.50 [0.610]	DP3T	STS230PC04	1825163-2
2	7.50 [0.295]	13.00 [0.512]	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		
1 PLC ± -		APPLICATION SPEC		CAGE CODE	DRAWING NO	RESTRICTED TO
2 PLC ± .008(0.20)				A2	00779	C=1825163
3 PLC ± -				WEIGHT		
4 PLC ± -				CUSTOMER DRAWING	SCALE	SHEET
ANGLES ± 1°					2:1	1 of 2
MATERIAL		FINISH			REV	A3

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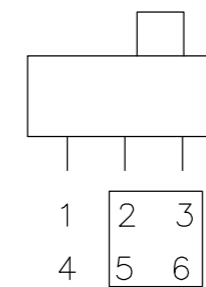
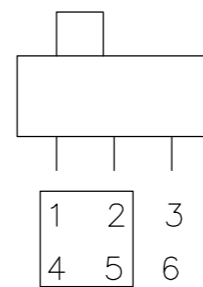
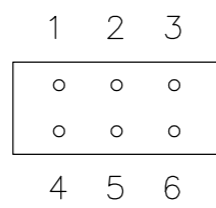
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
AD	00	SEE SHEET 1	-	-	-		

PART NUMBER POSITION BOTTOM VIEW

FUNCTION DIAGRAM

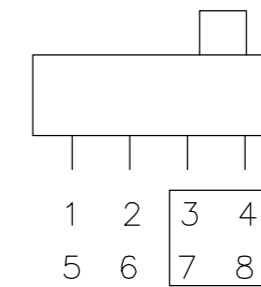
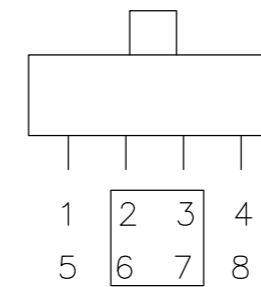
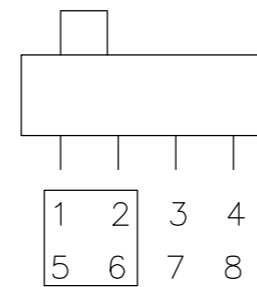
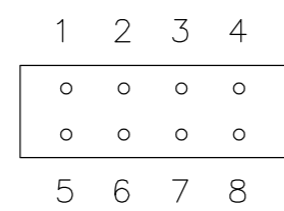
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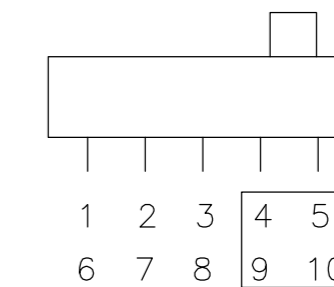
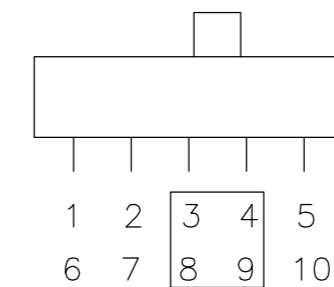
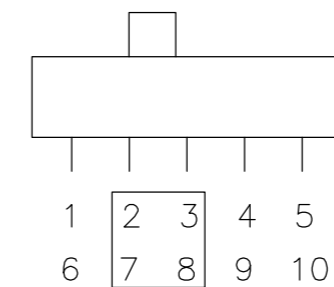
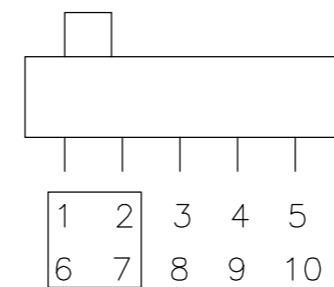
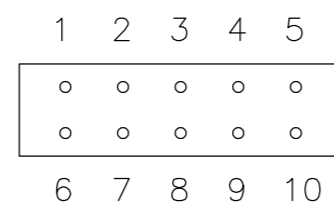
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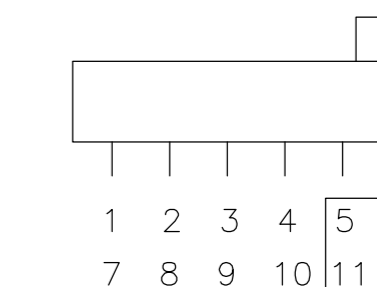
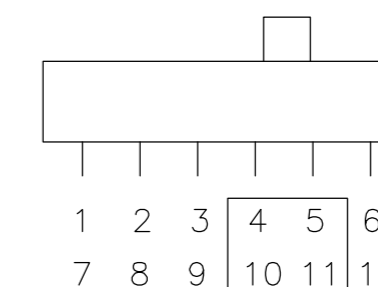
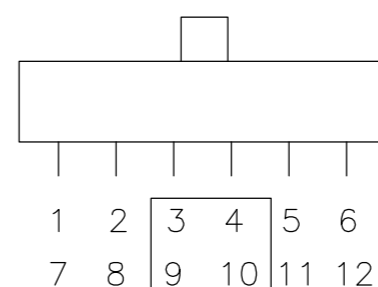
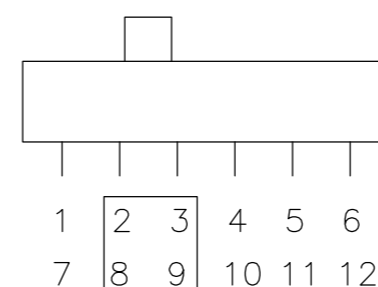
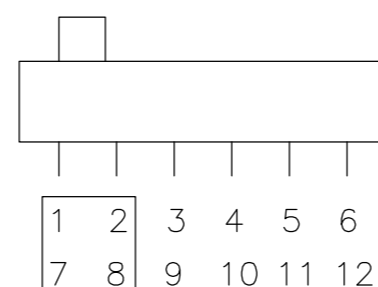
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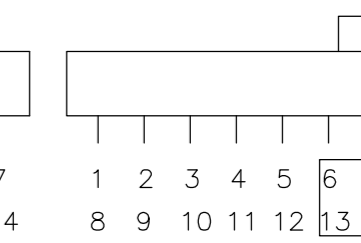
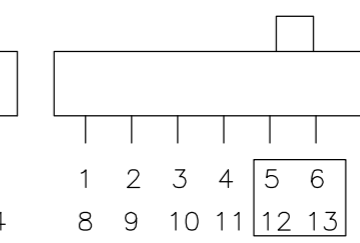
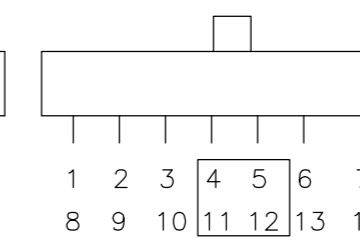
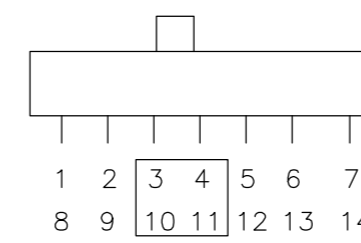
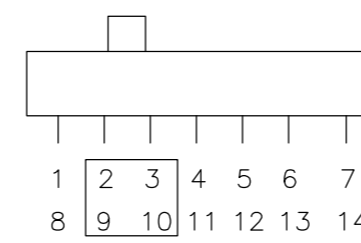
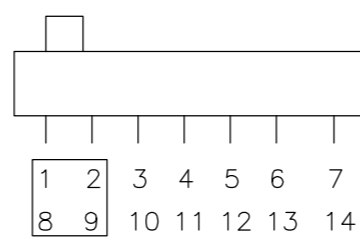
-4

5



-5

6



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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	
MATERIAL		FINISH	SWITCH-SLIDE (DP*T) P/N STS2*0PC	
-		-	SIZE A2	RESTRICTED TO
-		-	CAGE CODE 00779	DRAWING NO 1825163
-		-	SCALE 2:1	SHEET 2 OF 2
-		-	CUSTOMER DRAWING	REV A3

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