



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:

1. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
2. 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.		DOWN B.S.VISWESWARA	31MAR05	 TE Connectivity				
		CHK M S SARVER	—					
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M S SARVER	—	NAME	SWITCH—SLIDE (DP*T) P/N STS2*0PC			
	0 PLC ± — 1 PLC ± — 2 PLC ± .008(0.20) 3 PLC ± — 4 PLC ± — ANGLES ± 1°	PRODUCT SPEC —	—	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
	MATERIAL	FINISH	WEIGHT —	A2	00779	G-1825163	—	
CUSTOMER DRAWING						SCALE 2:1	SHEET 1 of 2	REV A3

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

PART NUMBER

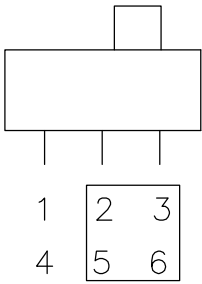
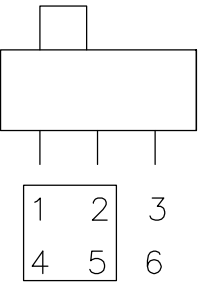
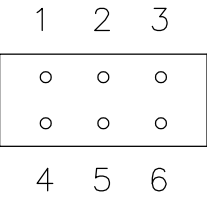
POSITION

BOTTOM VIEW

FUNCTION DIAGRAM

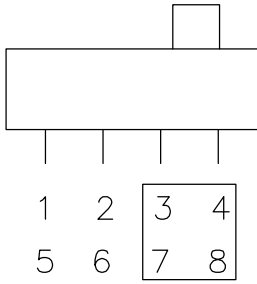
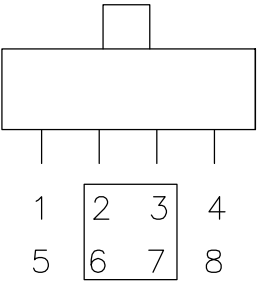
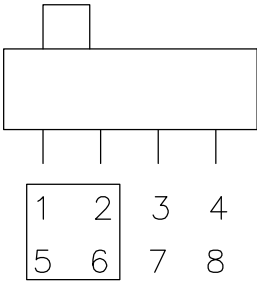
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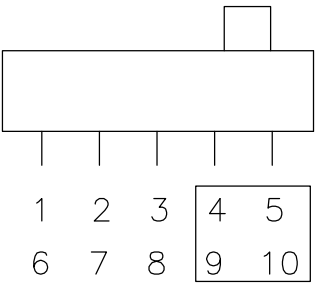
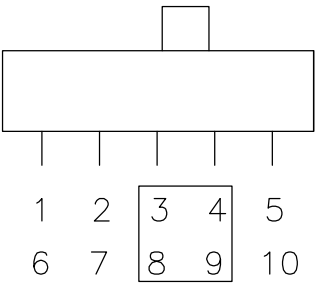
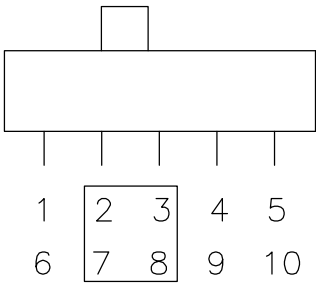
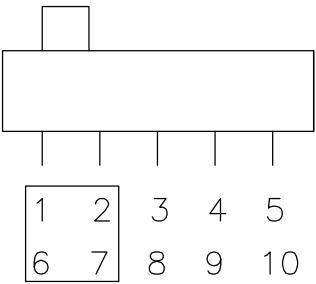
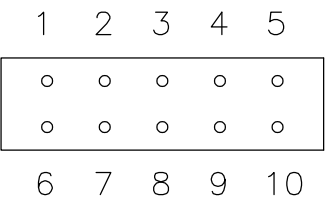
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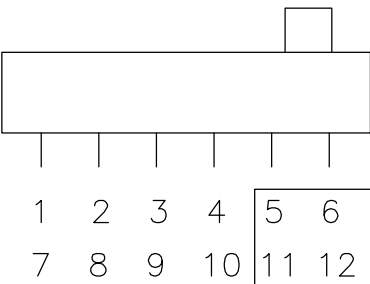
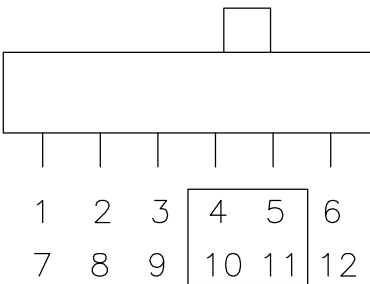
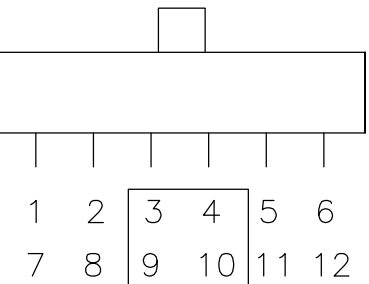
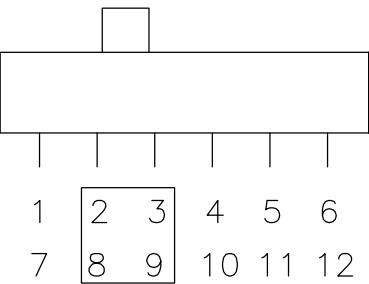
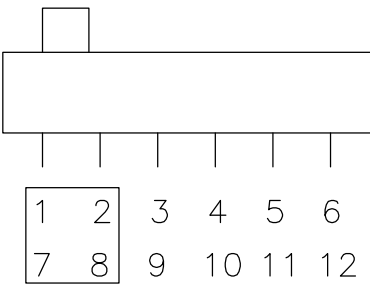
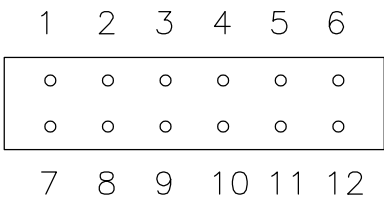
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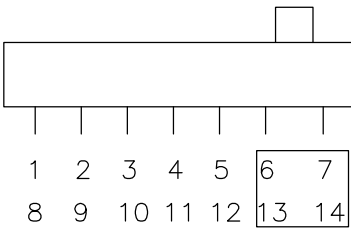
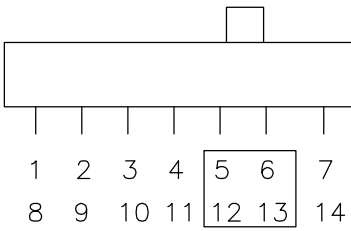
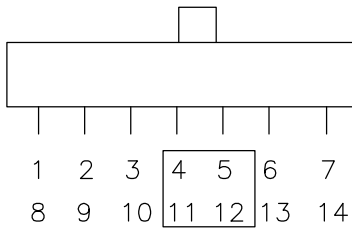
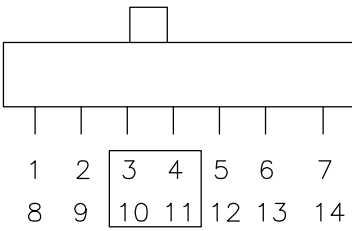
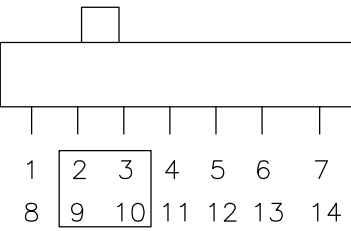
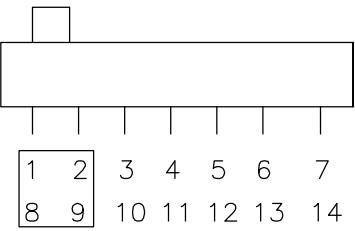
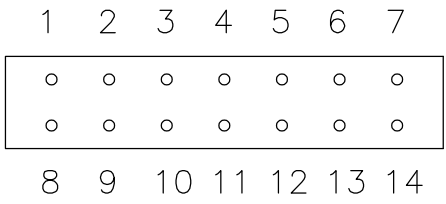
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-5

6



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± .008(0.20)
3 PLC ± -
4 PLC ± -
ANGLES ± 1°
FINISH
-

DWN
B.S.VISWESWARA
CHK
M S SARVER
APVD
M S SARVER
PRODUCT SPEC
APPLICATION SPEC
WEIGHT
-

31MAR05

TE Connectivity

NAME
SWITCH-SLIDE (DP*T)
P/N STS2*0PC

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=1825163

RESTRICTED TO
-

CUSTOMER DRAWING

SCALE
2:1

SHEET
2 OF 2

REV
A3

1471-9 (3/11)

1825163