

4

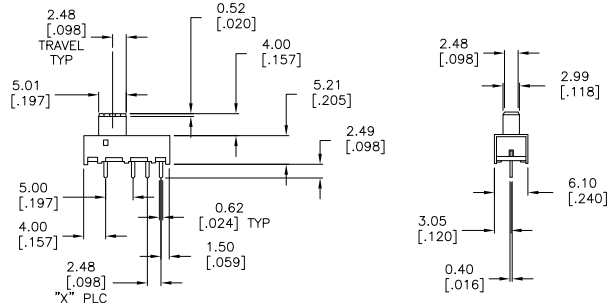
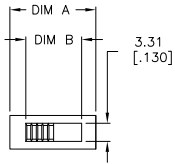
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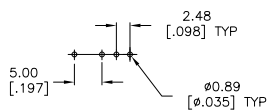
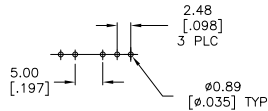
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LOC		DIST		REVISIONS			
F	LNK	DESCRIPTION	DATE	BY	APPD		
	A2	REVISED PER ECO-11-004820	11MAR11	RK	HMR		



1825161-1 AS SHOWN

P.C. HOLE LAYOUT
(1825161-1)P.C. HOLE LAYOUT
(1825161-2)

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: 2.49 (.098)

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

1-3	2-3	3-4	3-5	-	-	-	1 2 3 4 5	3	12.50[.492]	18.01[.709]	SP4T	STS1400PC04	1825161-2	
-	-	-	-	1-2	2-3	2-4	1 2 3 4	2	10.01[.394]	15.50[.610]	SP3T	STS1300PC04	1825161-1	
FUNCTION DIAGRAM							BOTTOM VIEW		X PLC	DIM B	DIM A	FUNCTION	T&B P/N	P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.		DRW	S.S. VISWESWARA	DATE	
DIMENSIONS:		CHK	M. S. SARVER		
mm [INCHES]		APPC			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC			
0 PLC	±	APPLICATION SPEC			
1 PLC	±	WEIGHT			
2 PLC	±				
3 PLC	±				
4 PLC	±				
ANGLES	±				
MATERIAL		CUSTOMER DRAWING		SCALE	2:1
FINISH				SHEET	1 of 1
				REV	A2

TE TE Connectivity

SLIDE SWITCH,
 STS1300PC & STS1400PC SERIES

SIZE: A2 CASE CODE: C=1825161 DRAWING NO: 00779
 RESTRICTED TO: 1 of 1