



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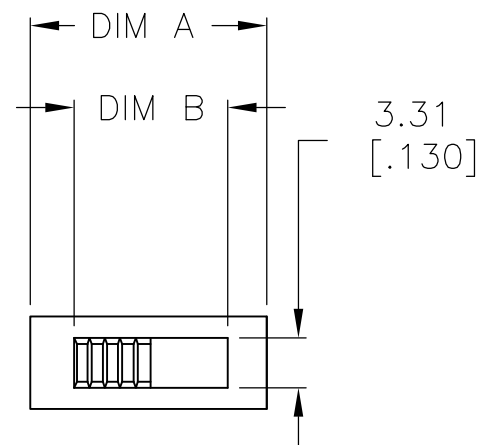
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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	A2	REVISED PER ECO-11-004820		11MAR11	RK	HMR



SPECIFICATIONS:
 MAKE-BEFORE-BREAK

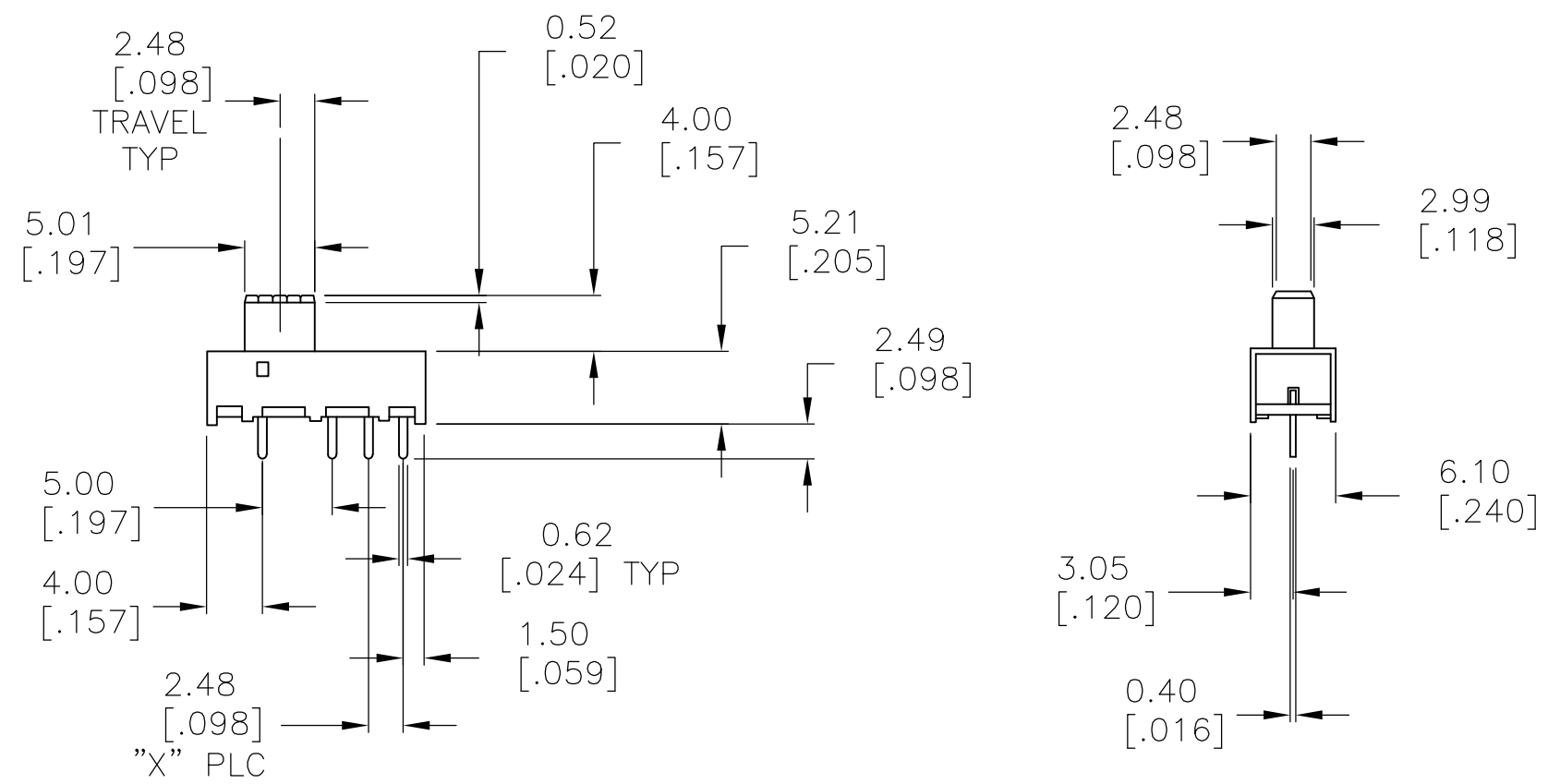
MATERIALS:
 FRAME: STEEL, ZINC PLATE
 ACTUATOR: POM UL94HB, BLACK
 FIXED CONTACT/TERMINAL: COPPER ALLOY, SILVER OVER NICKEL PLATE
 MOVING CONTACT: COPPER ALLOY, SILVER CLAD
 COIL SPRING: TEMPERED STEEL WIRE
 BALL- TEMPERED CARBON STEEL
 TERMINAL BOARD: PHENOLIC, UL94HB
 TERMINAL SEAL: EPOXY

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

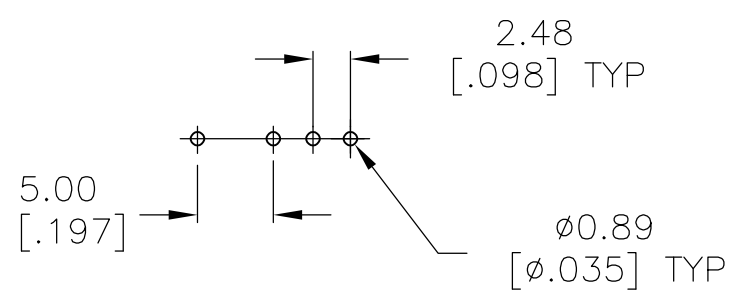
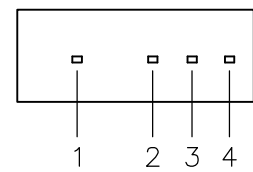
MECHANICAL:
 ACTUATION FORCE: 250 +150/-100 GRAMS
 TRAVEL: 2.49 (.098)

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

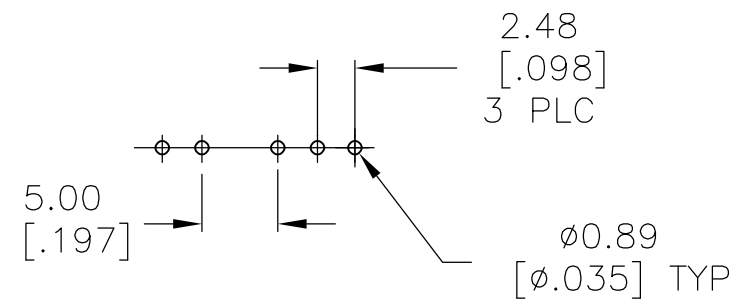
- NOTES:
- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
 - ALL PERFORMANCE SPECIFICATIONS WERE TESTED IN ACCORDANCE WITH JIS-C-5441 UNLESS OTHERWISE STATED.



1825161-1 AS SHOWN



P.C. HOLE LAYOUT (1825161-1)



P.C. HOLE LAYOUT (1825161-2)

1-3	2-3	3-4	3-5	-	-	-	1 2 3 4	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.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± 0.20 [.008] 3 PLC ± - 4 PLC ± - ANGLES ± -	DWN: B.S.VISWESWARA CHK: M S SARVER APVD: -	01APR05	TE Connectivity	
MATERIAL: -	FINISH: -	PRODUCT SPEC: - APPLICATION SPEC: -	WEIGHT: -	SLIDE SWITCH, STS1300PC & STS1400PC SERIES	
CUSTOMER DRAWING		SCALE: 2:1	SHEET: 1 of 1	SIZE: A2	CAGE CODE: 00779

NAME: -
 DRAWING NO: 1825161
 RESTRICTED TO: -
 REV: A2