



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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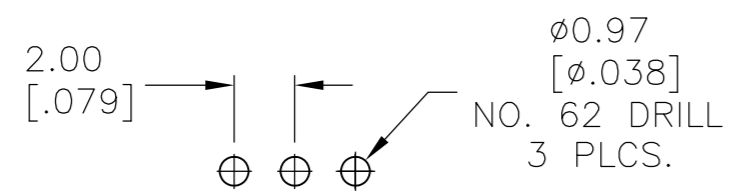
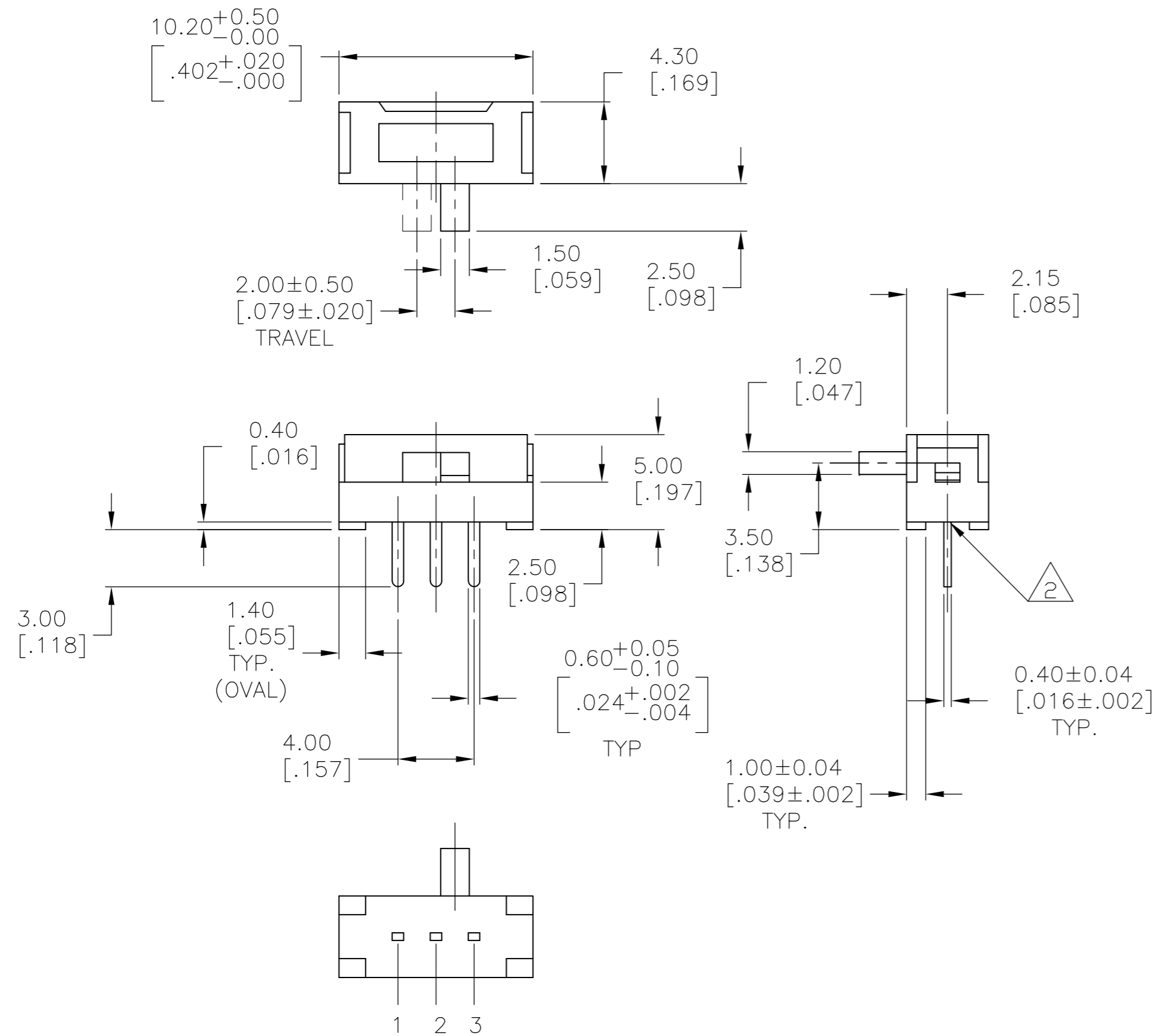
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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
	B	ECO-06-000904	16OCT2007	RB	MS		



PCB HOLE LAYOUT
 TOLERANCE ON P.C. LAYOUT
 DIMENSIONS TO BE : ±.002(±.005)

SPECIFICATIONS
 MAKE-BEFORE-BREAK

MATERIALS:
 ACTUATOR, BASE & COVER- NYLON 66 UL94V-0, BLACK
 TERMINAL BOARD- PHENOLIC, NATURAL
 TERMINAL/FIXED CONTACT- COPPER ALLOY- SILVER OVER NICKEL PLATE
 MOVING CONTACT- COPPER ALLOY- SILVER OVER NICKEL PLATE
 SEAL- EPOXY

ELECTRICAL:
 CONTACT RATING- 100mA@12V DC
 INITIAL CONTACT RESISTANCE- 30MILLIOHM MAX.
 FINAL CONTACT RESISTANCE- 100MILLIOHM MAX. (AFTER TEST)
 INSULTAION RESISTANCE- 100MEGOHMS MIN.
 DIELECTRIC STRENGTH- 500V RMS@SEA LEVEL
 LIFE EXPECTANCY- 10,000 CYCLES MIN.

MECHANICAL:
 ACTUATION FORCE- 250 +200/-150 GRAMS
 TRAVEL- 2.00±0.50 [.079±.020]

ENVIRONMENTAL:
 OPERATING TEMPERATURE- -20° TO +70° C
 STORAGE TEMPERATURE- -30° TO +70° C
 RESISTANCE TO SOLDER HEAT- 260° FOR 5 SEC. PER 109-202, CONDITION C
 SOLDERABILITY PER EIA-364-52, CLASS 2, CATEGORY 1, 95% MIN COVERAGE

- NOTES:
- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
 - ANTI SOLDER WICK SEAL AT TERMINAL TO BOARD INTERFACE
 - ALL TESTING COMPLETED PER 202-2469 TEST SPECIFICATION
 - ACTUATOR MUST BE IN THE RIGHT POSITION AS SHOWN

TYCO PT.NO	MODEL NO.	POS. 1	POS. 2
1825282-1	SSJ91431F04	2 TO 1	2 TO 3

TERMINALS CONNECTED WHEN SLIDER IS IN THE POSITION SHOWN.
 NOTE: TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON SWITCHS.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SUDHEER 18MAY06	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK M. SARVER	NAME	
	0 PLC ± -	APVD M. SARVER	PRODUCT SPEC	
	1 PLC ± -		APPLICATION SPEC	
	2 PLC ± -		SIZE A2	CAGE CODE 00779
	3 PLC ± 0.25[.010]		DRAWING NO C=1825282	RESTRICTED TO
	4 PLC ± -		SCALE 4:1	SHEET 1 OF 1
	ANGLES ± 1°			REV B
MATERIAL SEE SPECIFICATIONS	FINISH -	WEIGHT -	CUSTOMER DRAWING	