



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!



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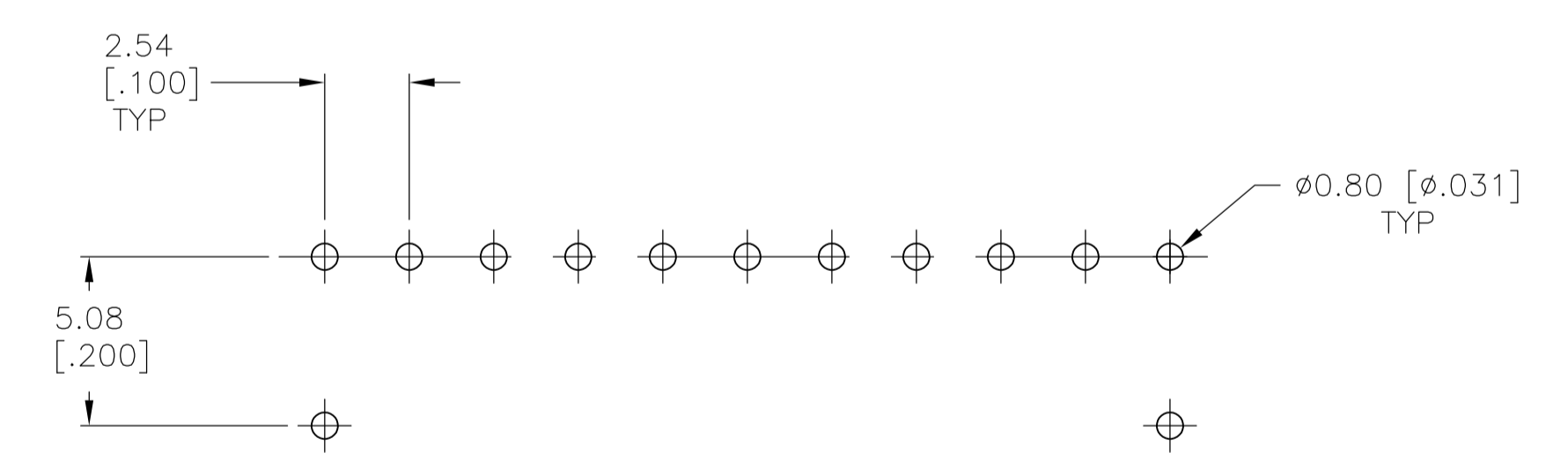
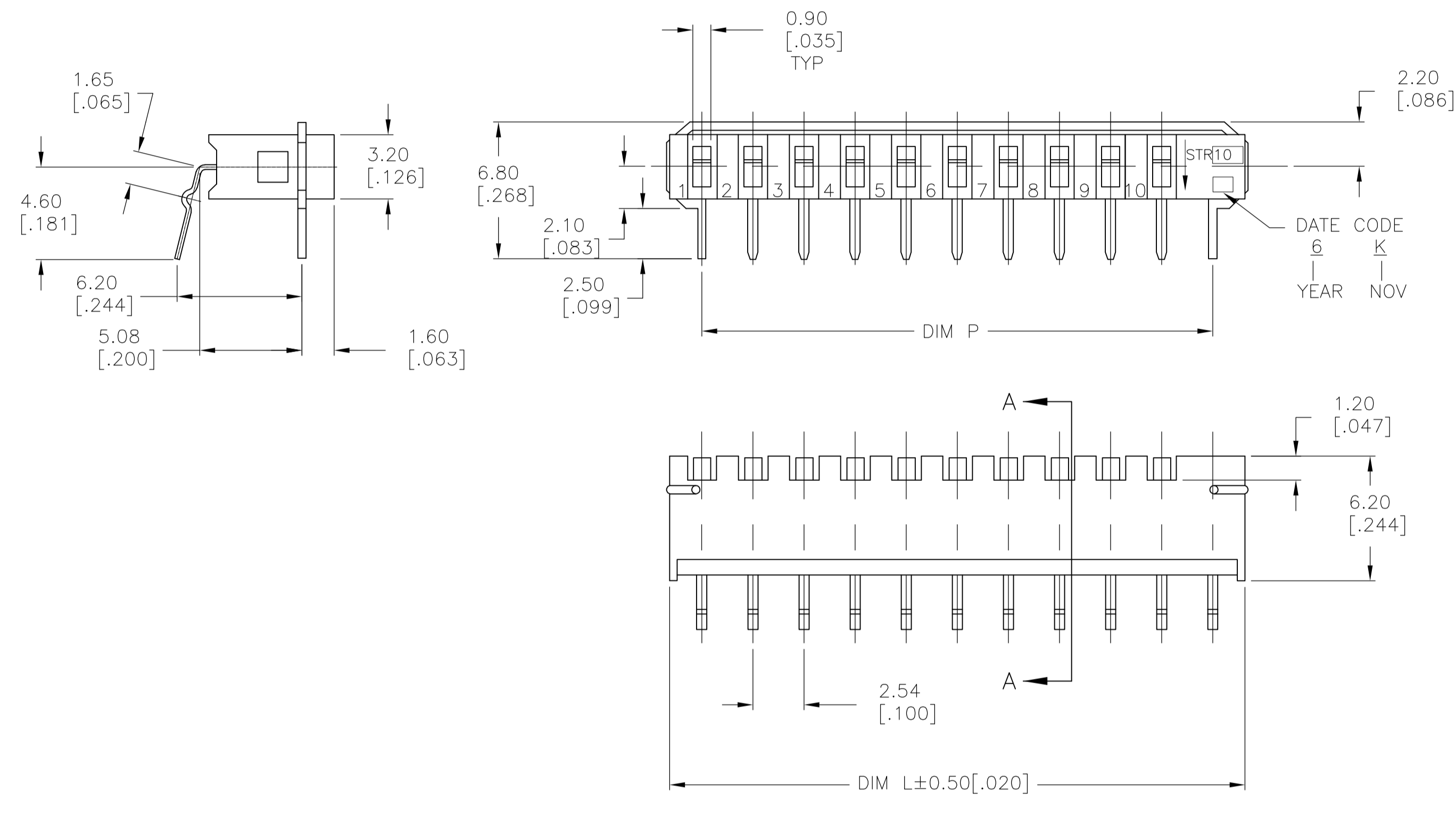
SPECIFICATIONS

MATERIALS:
 CASE, PPS UL94V-0, BLACK
 COVER, PBT UL94V-0, BLACK
 ACTUATOR, 46 NYLON UL94V-0, WHITE
 TERMINAL/FIXED CONTACT- COPPER ALLOY- GOLD OVER NICKEL PLATE
 MOVING CONTACT- COPPER ALLOY- GOLD FLASH OVER NICKEL PLATE
 HOLDER, COPPER ALLOY, TIN OVER NICKEL FINISH

ELECTRICAL:
 RATING- 1a max non-switching
 0.1µA (1mV) min switching
 DC 5V 10mA INITIAL
 CONTACT RESISTANCE- 50milliohm max. (300 milliohms after test)
 INSULATION RESISTANCE- 100Megohms min. at 100V DC
 DIELECTRIC STRENGTH- 300V RMS@SEA LEVEL
 LIFE EXPECTANCY- 1,000 CYCLES

MECHANICAL:
 ACTUATION FORCE- 2.45 +/-1.47N (245 +/-147 GF)
 TRAVEL- .33"

ENVIRONMENTAL:
 OPERATING TEMPERATURE- -30 TO +85 DEGREES C
 STORAGE TEMPERATURE- -45 TO +100 DEGREES C
 RESISTANCE TO SOLDER HEAT- 265 +/-3°C for 8 +/-2 seconds
 SOLDERABILITY PER JIS-C-0050 & JIS-C-0053



P.C.LAYOUT

- 1 ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
- 2 SWITCH SUPPLIED IN THE "OFF" POSITION AND SHOULD BE SOLDERED IN THE "OFF" POSITION.

25.40 (1.000)	28.60 (1.126)	STR10	1977105-5
20.32 (.800)	23.52 (.926)	STR08	1977105-4
15.24 (.600)	18.44 (.726)	STR06	1977105-3
10.16 (.400)	13.36 (.526)	STR04	1977105-2
5.08 (.200)	8.28 (.326)	STR02	1977105-1
DIM P	DIM L	T&B P/N	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN M. BINNER 16MAY07	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm [INCHES]		CHK M. SARVER 16MAY07	NAME SIP SWITCH (STR02 - 10 SERIES)	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APP'D M. SARVER 16MAY07	PRODUCT SPEC	
0. PLC ± -		APPLICATION SPEC		
1. PLC ± -		SIZE		
2. PLC ± 0.30[.012]		CAGE CODE		
3. PLC ± -		DRAWING NO		
4. PLC ± -		RESTRICTED TO		
ANGLES ± -		A1 00779 ©=1977105		
MATERIAL SEE SPECIFICATIONS		WEIGHT		SCALE 5:1 SHEET 1 OF 1 REV B
FINISH -		CUSTOMER DRAWING		