

LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DMN	APVD		
B		REVISED PER ECO-08-023819	25SEP08	HMR	MS		

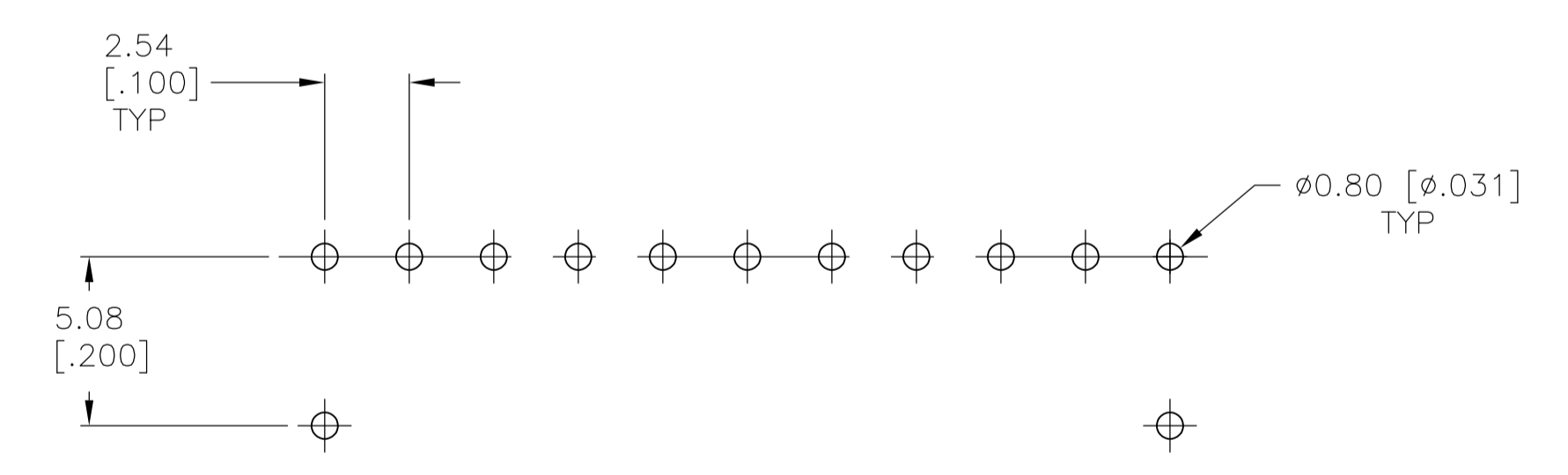
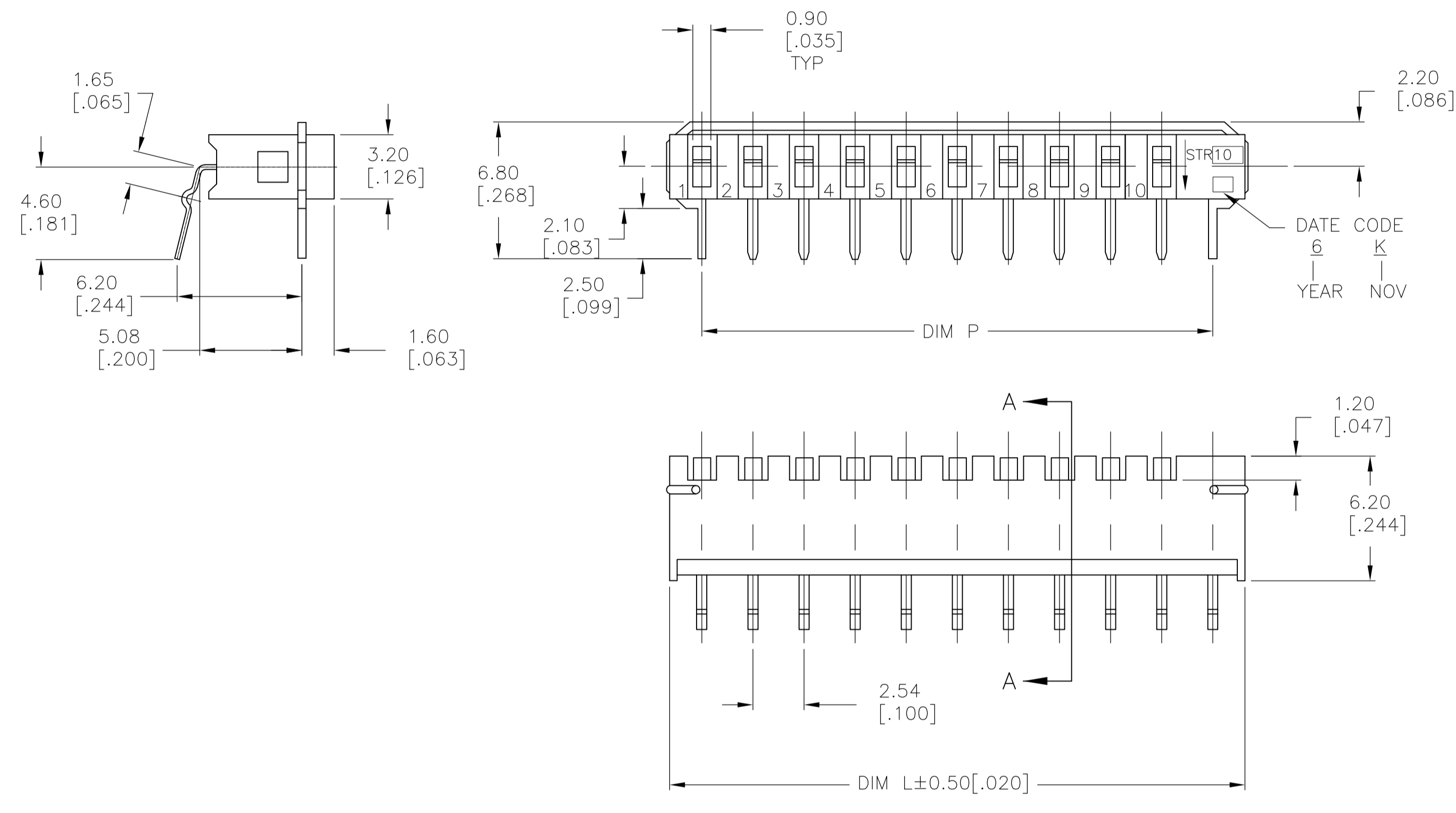
SPECIFICATIONS

**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: M. SARVER 16MAY07	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		SIP SWITCH (STR02 - 10 SERIES)	
0. PLC ± -		APPLICATION SPEC		SIZE: A1	
1. PLC ± -		WEIGHT: -		CAGE CODE: 00779	
2. PLC ± 0.30[.012]		CUSTOMER DRAWING		DRAWING NO: 1977105	
3. PLC ± -		SCALE: 5:1		SHEET: 1 of 1	
4. PLC ± -		RESTRICTED TO:		REV: B	
ANGLES ± -					
MATERIAL: SEE SPECIFICATIONS					