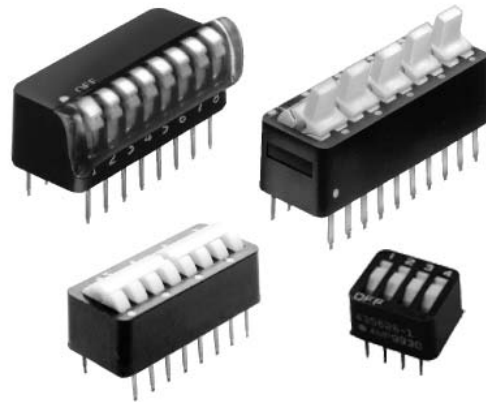


**7000 & 7100 Series, THT**

DIP Switches

**Features**

- Available in SPST, side actuated SPST and multiple series versions
- Contacts made of high strength copper alloy
- 7000 cycles can be obtained using the 7000 series
- 2000 cycles can be obtained using the 7100 series



**Typical performance characteristics**

Contact rating, non-switching (max) . . . . . 1.0 Amp @ 40 VDC  
 Contact rating, switching (max) . . . . . 60 milliamps @ 5 VDC  
 . . . . . 15 milliamps @ 24 VDC  
 Electrical life . . . . . 7000 series: 7000 cycles  
 . . . . . 7100 series: 2000 cycles  
 Mechanical life . . . . . 7000 series: 7000 cycles  
 . . . . . 7100 series: 2000 cycles  
 Contact resistance . . . . . max 100 mOhms  
 Insulation resistance . . . . . min 1000 MOhms  
 Dielectric strength . . . . . 500 V DC

**Environmental specification**

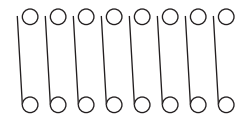
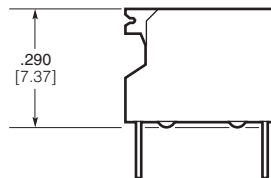
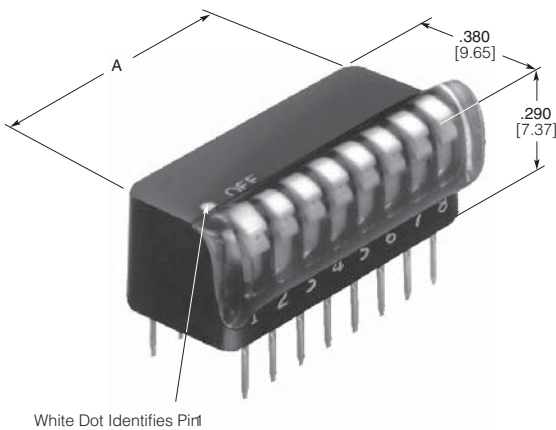
Operating temperature . . . . . -55 to +105°C  
 Storage temperature . . . . . -73 to +105°C  
 Solder heat resistance . . . . . 265°C/10 s wave

**Material specifications**

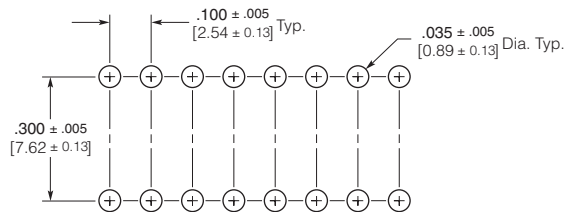
Contacts . . . . . copper alloy, gold finish  
 Actuator . . . . . thermoplastic  
 Terminals . . . . . copper alloy, tin finish  
 Base . . . . . glass filled polyester  
 RoHS Directive 2002/95/EC . . . . . compliant

**7000 Series**

**Piano style actuator, single pole, single throw, side actuated, low profile**



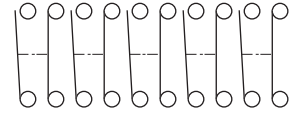
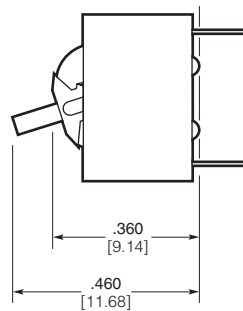
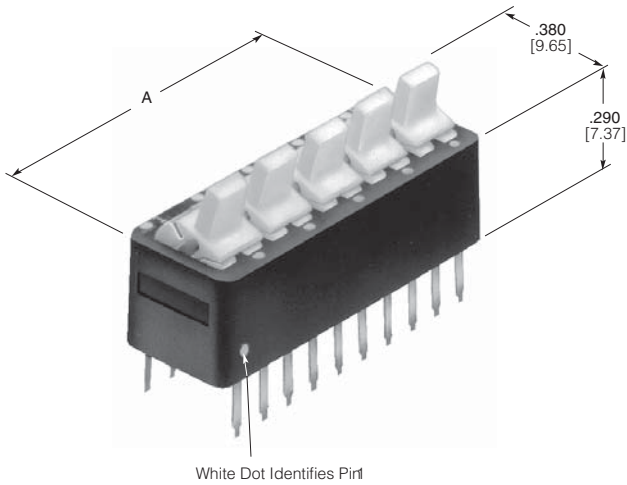
Pin 1  
 Note: switches shown in open position



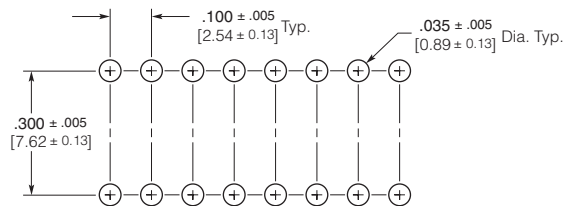
Switches	Dim A	unsealed P/N	sealed P/N
2	7.11 (.280)	1-5435802-0	
3	9.65 (.380)	5435802-2	
4	12.19 (.480)	5435802-3	1-5435802-5
5	14.73 (.580)	5435802-4	1-5435802-6
6	17.27 (.680)	5435802-5	1-5435802-7
7	19.81 (.780)	5435802-6	1-5435802-8
8	22.35 (.880)	5435802-1	5435802-9
9	24.89 (.980)	5435802-7	1-5435802-9
10	27.43 (1.080)	5435802-8	2-5435802-0
11	29.97 (1.180)		2-5435802-1
12	32.51 (1.280)		2-5435802-2

**7000 & 7100 Series, THT (Continued)**

**Extended actuator, combined single pole, double throw**

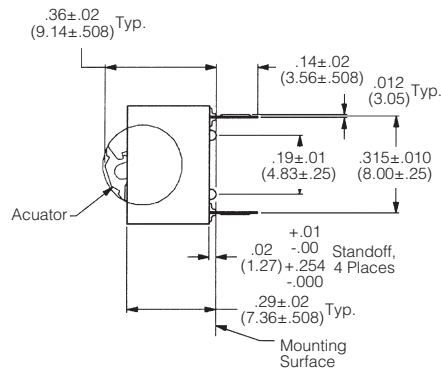
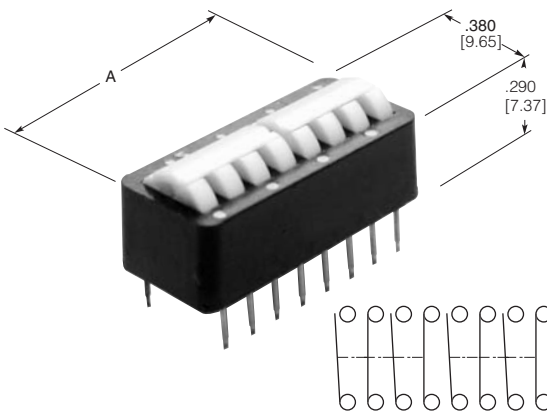


Pin 1  
Note: switch positions are closed when rockers are down towards white dots. Switches have make-before-break design.  
Extended lever actuator shown

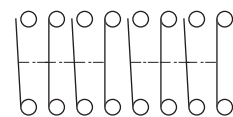


Switches	Dim A	Low profile actuator P/N	Extended lever actuator P/N
1	7.11 (.280)	5-435470-7	7-435470-1
2	12.19 (.480)	5-435470-1	7-435470-2
3	17.27 (.680)	5-435470-2	
4	22.35 (.880)	5-435470-3	7-435470-4
5	27.43 (1.080)		7-435470-5
6	32.51 (1.280)		7-435470-6

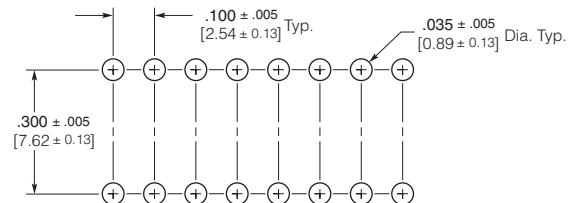
**Extended actuator, combined single pole, double throw**



Low Profile Lever Actuator Shown



Pin 1  
Note: switch positions are closed when rockers are down towards white dots. Switches have make-before-break design.  
Extended lever actuator shown

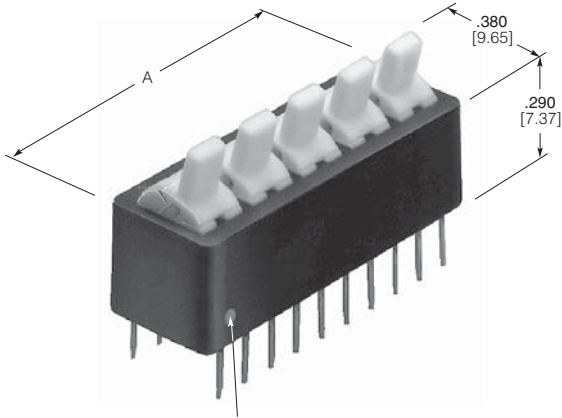


Switches	Dim A	Low profile actuator P/N	Extended lever actuator P/N
1	12.19 (.480)	5-435470-5	8-435470-1
2	22.35 (.880)	5-435470-9	

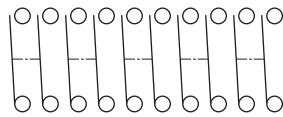
**7000 & 7100 Series, THT (Continued)**

DIP Switches

**Extended actuator, multiple double pole, single throw**

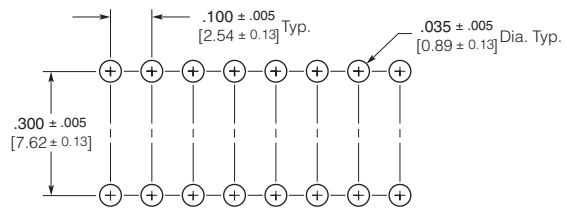
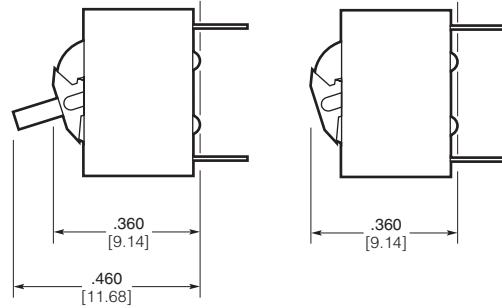


White Dot Identifies Pin 1



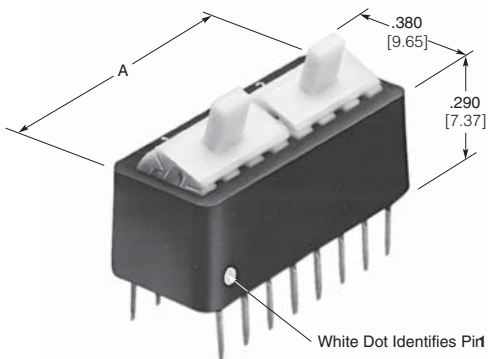
Pin 1

Note: switches shown in open position

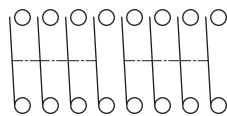


Switches	Dim A	Low profile	Extended lever
1	7.11 (.280)	5-435469-9	7-435469-1
2	12.19 (.480)		7-435469-2
4	22.35 (.880)	5-435469-3	7-435469-4
5	27.43 (1.080)		7-435469-5
6	32.51 (1.280)		7-435469-6

**Extended actuator, 4 pole, single throw**

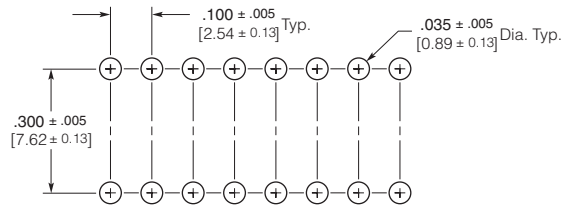
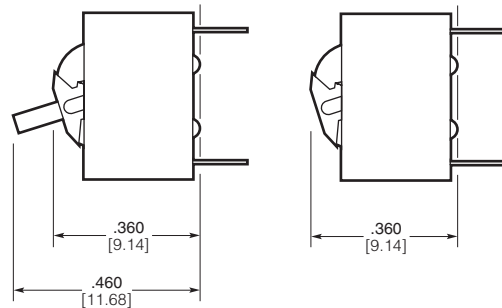


White Dot Identifies Pin 1



Pin 1

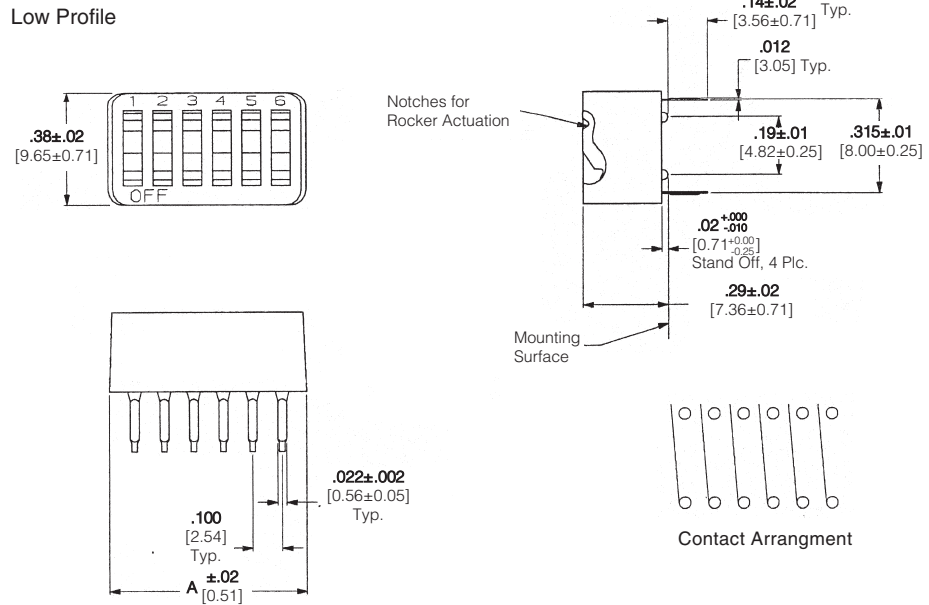
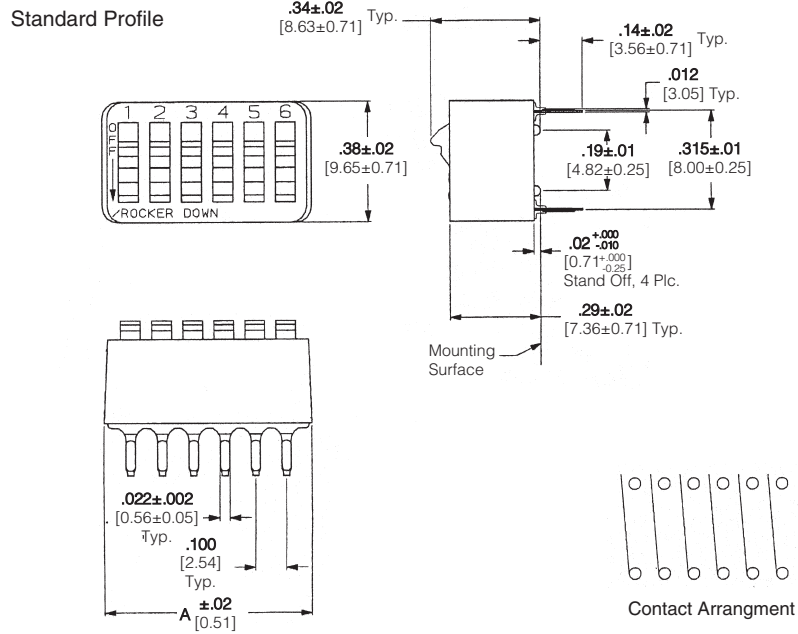
Note: switches shown in open position



Switches	Dim A	Low profile	Extended lever
1	12.19 (.480)	5-435469-7	8-435469-1

**7000 & 7100 Series, THT (Continued)**

**Rocker style actuator**



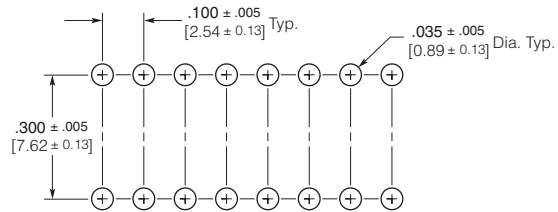
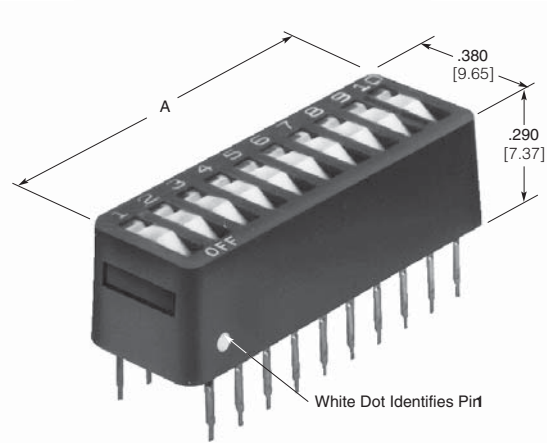
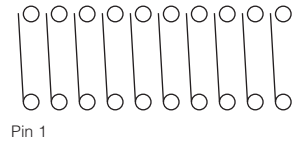
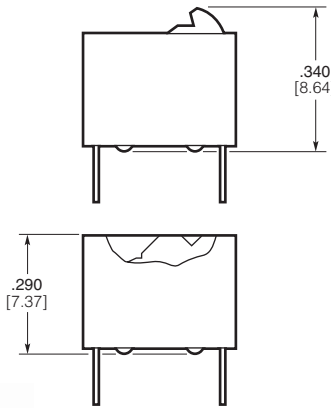
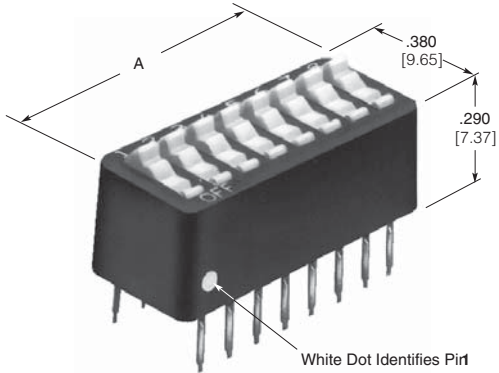
Switches	Dim A	Standard profile unsealed P/N	Standard profile sealed P/N	Low profile unsealed P/N	Low profile sealed P/N
2	7.11 (.280)	2-5435166-9			8-435626-6
3	9.65 (.380)				8-435626-7
4	12.19 (.480)	5435166-2	4-5435166-9	5-435626-1	8-435626-8
5	14.73 (.580)		5-5435166-0	5-435626-2	
6	17.27 (.680)	5435166-4	5-5435166-1		9-435626-0
7	19.81 (.780)	5435166-1	5-5435166-2		9-435626-1
8	22.35 (.880)	5435166-5	5-5435166-3	5-435626-5	9-435626-2
10	27.43 (1.080)	5435166-7	5-5435166-5		9-435626-4

**7000 & 7100 Series, THT (Continued)**

**7100 Series**

**Rocker style actuator, single pole, single throw, standard and low profile**

DIP Switches



Switches	Dim A	Standard profile unsealed P/N	Standard profile sealed P/N	Low profile unsealed P/N	Low profile sealed P/N
2	7.11 (.280)	2-5435640-9		5435668-1	2-5435668-6
3	9.65 (.380)	3-5435640-0			3-5435668-3
4	12.19 (.480)	5435640-2	3-5435640-5	5435668-3	3-5435668-4
5	14.73 (.580)	5435640-3	3-5435640-6	5435668-4	3-5435668-5
6	17.27 (.680)	5435640-4	3-5435640-7	5435668-5	2-5435668-5
7	19.81 (.780)	5435640-1	3-5435640-8		2-5435668-7
8	22.35 (.880)	5435640-5	3-5435640-9	5435668-7	2-5435668-8
9	24.89 (.980)	5435640-6	4-5435640-0		2-5435668-9
10	27.43 (1.080)	5435640-7	4-5435640-1	5435668-9	3-5435668-0
11	29.97 (1.180)				3-5435668-1
12	32.51 (1.280)	3-5435640-2	4-5435640-3		3-5435668-2