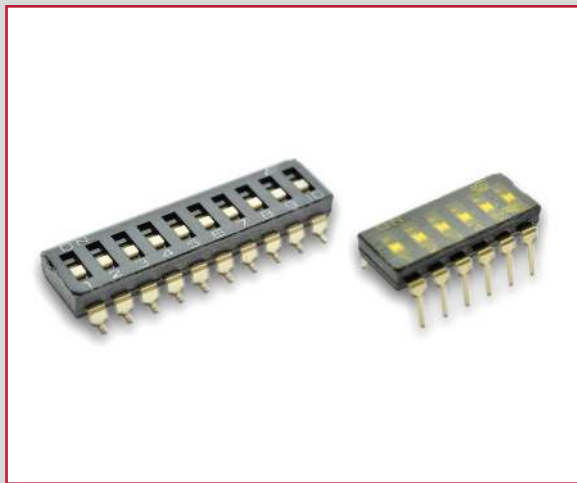
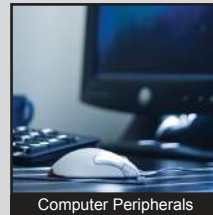


KAE SERIES DIP SWITCH

ANTI-VANDAL SWITCHES
 DETECTOR SWITCHES
 DIP SWITCHES
 KEYLOCK SWITCHES
 NAVIGATION SWITCHES
 PUSHBUTTON SWITCHES
 ROCKER SWITCHES
 ROTARY SWITCHES
 SLIDE SWITCHES
 SNAP ACTION SWITCHES
 TACTILE SWITCHES
 TOGGLE SWITCHES
 CAP OPTIONS



APPLICATIONS / MARKETS



RoHS

SPECIFICATIONS

Electrical Rating: 100mA @ 50VDC Non-Switching
 25mA @ 24VDC Switching
Life Expectancy: 2,000 Cycles
Contact Resistance: 50mΩ Max.
Insulation Resistance: 100 MΩ Min. at 500VDC
Dielectric Strength: 500VAC for 1 min.
Operating Temperature: -20°C to 85°C
Storage Temperature: -40°C to 85°C
Travel: 1.0mm nominal
Contact Arrangement: SPST each position

FEATURES & BENEFITS

- Splayed, straight pins, or gullwing termination
- Packaging options include Tube or Tape & Reel
- Top tape seal option with recessed actuator
- Low profile
- Up to 12 positions
- Gold contacts
- Switches are supplied in "OFF" position

PART NUMBER CONFIGURATOR

Series	No. of Positions	Actuator	Termination	Contact Material	Packaging
<input type="text" value="KAE"/>	<input type="text" value="01"/> <input type="text" value="02"/> <input type="text" value="03"/> <input type="text" value="04"/> <input type="text" value="05"/> <input type="text" value="06"/> <input type="text" value="07"/> <input type="text" value="08"/> <input type="text" value="09"/> <input type="text" value="10"/> <input type="text" value="12"/>	<input type="text" value="L"/> <input type="text" value="S"/> <input type="text" value="T"/>	<input type="text" value="A"/> <input type="text" value="H"/> <input type="text" value="G"/>	<input type="text" value="G"/>	<input type="text" value="T"/> <input type="text" value="R"/>
	01 - 1 position 02 - 2 positions 03 - 3 positions 04 - 4 positions 05 - 5 positions 06 - 6 positions 07 - 7 positions 08 - 8 positions 09 - 9 positions 10 - 10 positions 12 - 12 positions	L - Extended S - Recessed without top tape seal T - Recessed with top tape seal	A - Splayed H - Straight G - Gullwing	G - Gold	T - Tube R - Tape & Reel

Specifications subject to change without notice



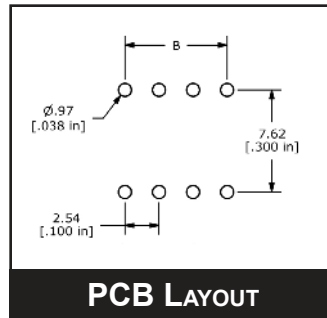
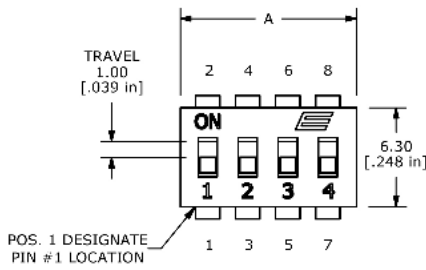
E-SWITCH®

www.e-switch.com

800.867.2717

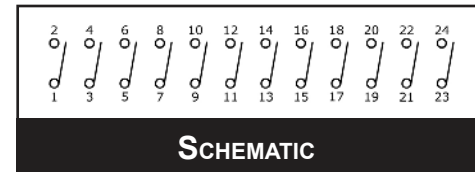
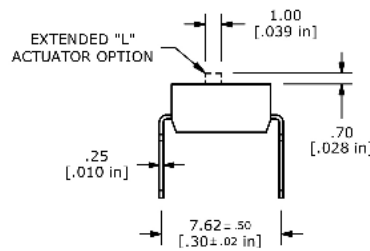
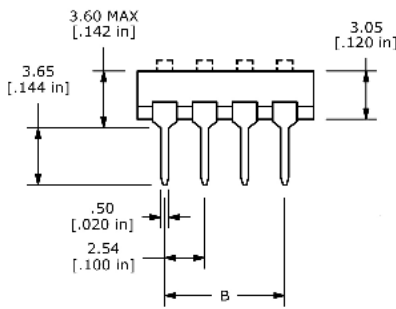
2

STRAIGHT PIN TERMINALS



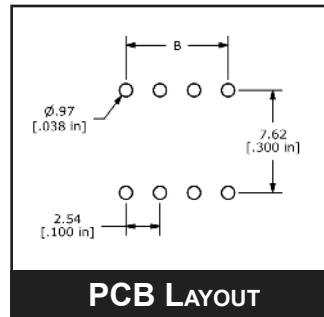
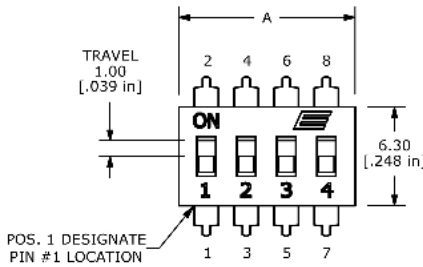
POSITIONS	DIM A	DIM B
1	3.58 [.141 in]	N/A
2	6.12 [.241 in]	2.54 [.100 in]
3	8.66 [.341 in]	5.08 [.200 in]
4	11.20 [.441 in]	7.62 [.300 in]
5	13.74 [.541 in]	10.16 [.400 in]
6	16.28 [.641 in]	12.70 [.500 in]
7	18.82 [.741 in]	15.24 [.600 in]
8	21.36 [.841 in]	17.78 [.700 in]
9	23.90 [.941 in]	20.32 [.800 in]
10	26.44 [1.041 in]	22.86 [.900 in]
12	31.52 [1.241 in]	27.94 [1.100 in]

POSITIONS CHART



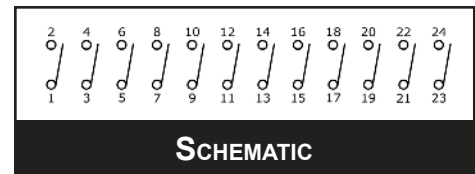
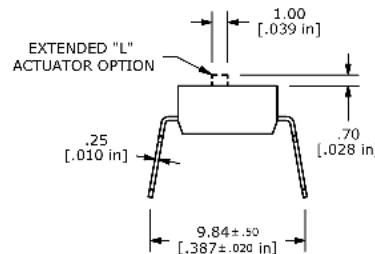
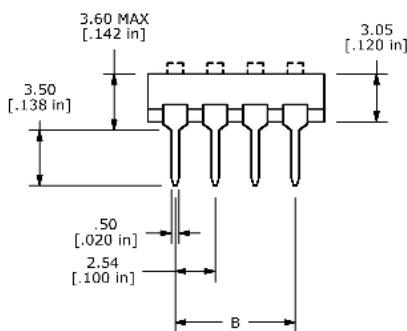
SCHEMATIC

SPLAYED PIN TERMINALS



POSITIONS	DIM A	DIM B
1	3.58 [.141 in]	N/A
2	6.12 [.241 in]	2.54 [.100 in]
3	8.66 [.341 in]	5.08 [.200 in]
4	11.20 [.441 in]	7.62 [.300 in]
5	13.74 [.541 in]	10.16 [.400 in]
6	16.28 [.641 in]	12.70 [.500 in]
7	18.82 [.741 in]	15.24 [.600 in]
8	21.36 [.841 in]	17.78 [.700 in]
9	23.90 [.941 in]	20.32 [.800 in]
10	26.44 [1.041 in]	22.86 [.900 in]
12	31.52 [1.241 in]	27.94 [1.100 in]

POSITIONS CHART



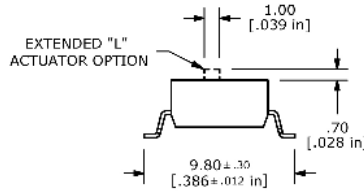
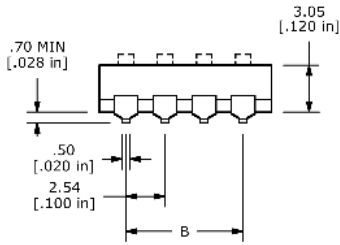
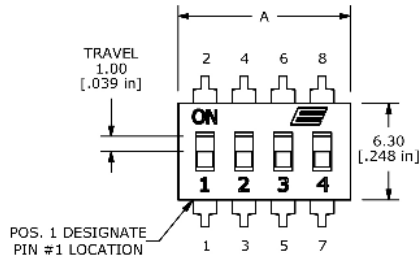
SCHEMATIC



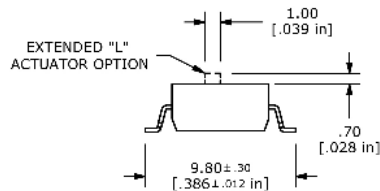
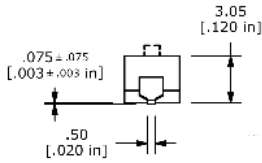
ANTI-VANDAL SWITCHES
 DETECTOR SWITCHES
 DIP SWITCHES
 KEYSLOCK SWITCHES
 NAVIGATION SWITCHES
 PUSHBUTTON SWITCHES
 ROCKER SWITCHES
 ROTARY SWITCHES
 SLIDE SWITCHES
 SNAP ACTION SWITCHES
 TACTILE SWITCHES
 TOGGLE SWITCHES
 CAP OPTIONS

KAE SERIES DIP SWITCH

GULLWING TERMINALS



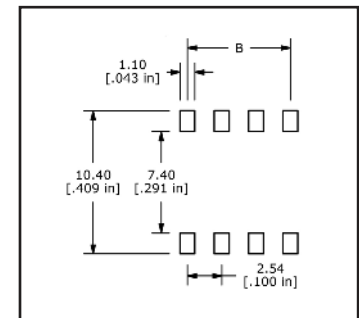
2-12 POSITIONS



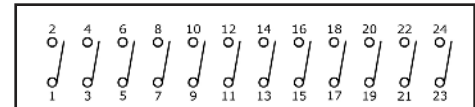
1 POSITION

POSITIONS	DIM A	DIM B
1	3.58 [.141 in]	N/A
2	6.12 [.241 in]	2.54 [.100 in]
3	8.66 [.341 in]	5.08 [.200 in]
4	11.20 [.441 in]	7.62 [.300 in]
5	13.74 [.541 in]	10.16 [.400 in]
6	16.28 [.641 in]	12.70 [.500 in]
7	18.82 [.741 in]	15.24 [.600 in]
8	21.36 [.841 in]	17.78 [.700 in]
9	23.90 [.941 in]	20.32 [.800 in]
10	26.44 [1.041 in]	22.86 [.900 in]
12	31.52 [1.241 in]	27.94 [1.100 in]

POSITIONS CHART



SMT PCB LAYOUT



SCHEMATIC

