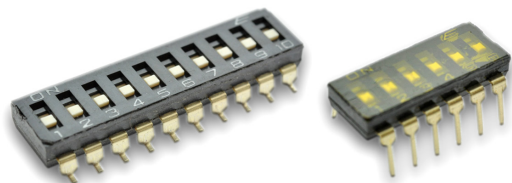


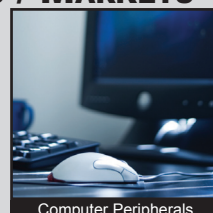
KAE SERIES DIP SWITCH



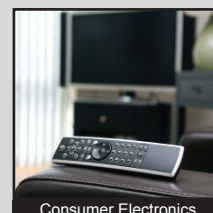
APPLICATIONS / MARKETS



Audio / Visual



Computer Peripherals



Consumer Electronics



Instrumentation



Telecommunication



Medical Equipment

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
KAE	01 02	L	A H	G	T
	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



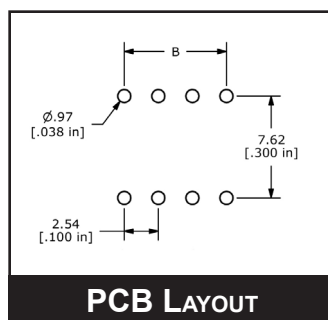
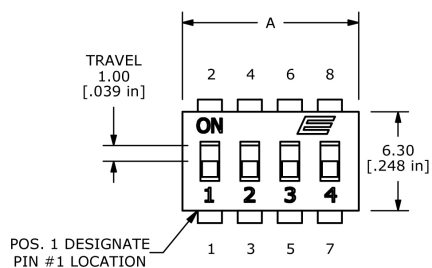
E-SWITCH®

www.e-switch.com

800.867.2717

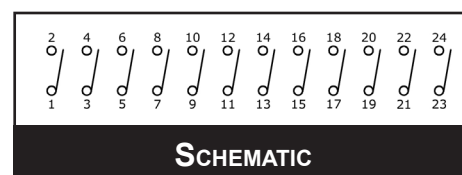
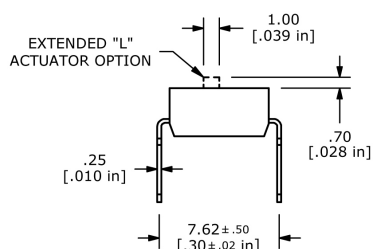
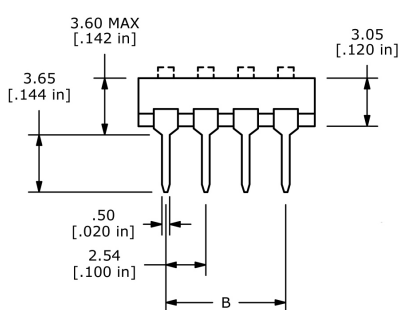
2

STRAIGHT PIN TERMINALS

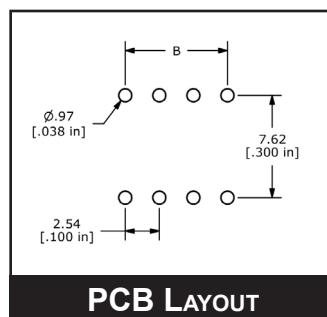
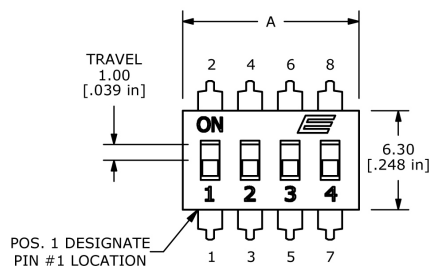


POSITIONS	DIM A	DIM B
1	3.58 [.141 in]	N/A
2	6.12 [.241 in]	2.54 [.100 in]
3	8.66 [.341 in]	5.08 [.200 in]
4	11.20 [.441 in]	7.62 [.300 in]
5	13.74 [.541 in]	10.16 [.400 in]
6	16.28 [.641 in]	12.70 [.500 in]
7	18.82 [.741 in]	15.24 [.600 in]
8	21.36 [.841 in]	17.78 [.700 in]
9	23.90 [.941 in]	20.32 [.800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

POSITIONS CHART

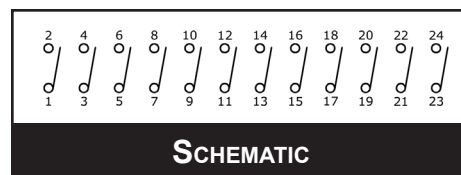
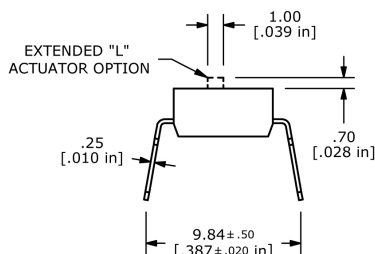
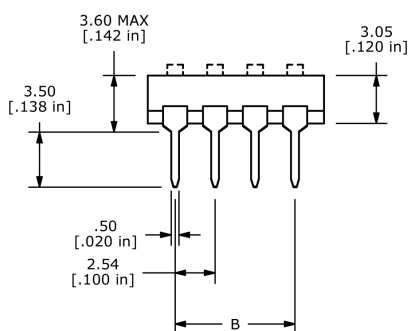


SPLAYED PIN TERMINALS

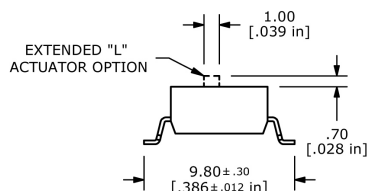
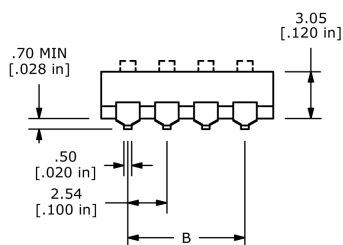
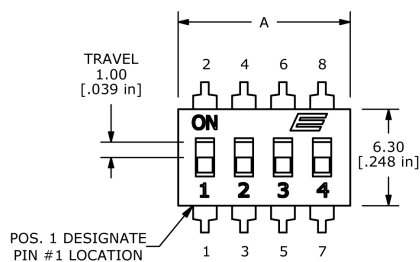


POSITIONS	DIM A	DIM B
1	3.58 [.141 in]	N/A
2	6.12 [.241 in]	2.54 [.100 in]
3	8.66 [.341 in]	5.08 [.200 in]
4	11.20 [.441 in]	7.62 [.300 in]
5	13.74 [.541 in]	10.16 [.400 in]
6	16.28 [.641 in]	12.70 [.500 in]
7	18.82 [.741 in]	15.24 [.600 in]
8	21.36 [.841 in]	17.78 [.700 in]
9	23.90 [.941 in]	20.32 [.800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

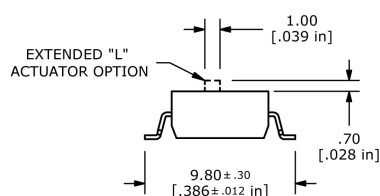
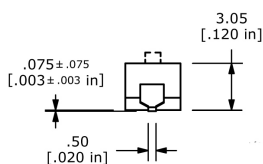
POSITIONS CHART



GULLWING TERMINALS



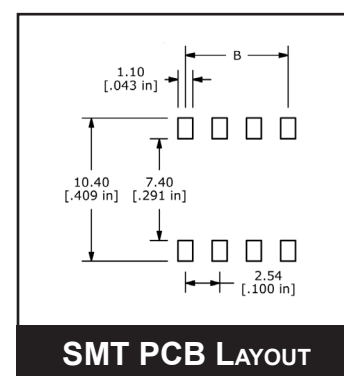
2-12 POSITIONS



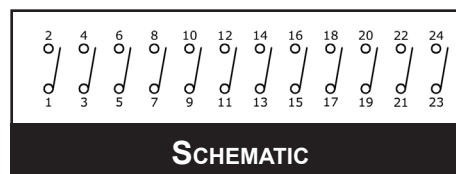
1 POSITION

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



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

E-Switch:

<u>KAE02TAGT</u>	<u>KAE04TGGR</u>	<u>KAE01LAGT</u>	<u>KAE02LAGT</u>	<u>KAE06TGGR</u>	<u>KAE08TGGR</u>	<u>KAE02SGGT</u>	<u>KAE09SGGT</u>
<u>KAE03TGGR</u>	<u>KAE07TGGR</u>	<u>KAE06TGGR</u>	<u>KAE09LAGT</u>	<u>KAE06LGGR</u>	<u>KAE02TGGR</u>	<u>KAE10TGGR</u>	<u>KAE04LGGR</u>
<u>KAE03TAGT</u>	<u>KAE06SGGR</u>	<u>KAE04LAGT</u>	<u>KAE01SGGT</u>	<u>KAE04LHGT</u>	<u>KAE07LAGT</u>	<u>KAE01TGGR</u>	<u>KAE05LAGT</u>
<u>KAE03TGGR</u>	<u>KAE04TAGT</u>	<u>KAE10TGGR</u>	<u>KAE02LGGR</u>	<u>KAE05SGGR</u>	<u>KAE03LGGR</u>	<u>KAE12TGGR</u>	<u>KAE06SGGT</u>
<u>KAE04SGGT</u>	<u>KAE08SHGT</u>	<u>KAE07LGGR</u>	<u>KAE06LAGT</u>	<u>KAE09LGGR</u>	<u>KAE10LGGR</u>	<u>KAE04TGGR</u>	<u>KAE02LGGR</u>
<u>KAE08SGGT</u>	<u>KAE04LGGR</u>	<u>KAE05TGGR</u>	<u>KAE02LHGT</u>	<u>KAE05TGGR</u>	<u>KAE03LGGR</u>	<u>KAE08LGGR</u>	<u>KAE02TGGR</u>
<u>KAE06TAGT</u>	<u>KAE01SGGR</u>	<u>KAE08LAGT</u>	<u>KAE04SHGT</u>	<u>KAE08TGGR</u>	<u>KAE03SGGT</u>		