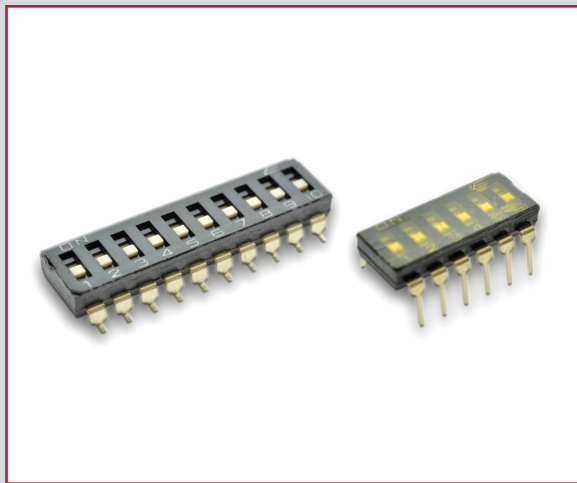


KAE SERIES DIP SWITCH

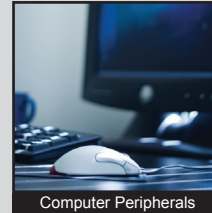
ANTI-VANDAL SWITCHES
DETECTOR SWITCHES
DIP SWITCHES
KEYLOCK SWITCHES
NAVIGATION SWITCHES
PUSHBUTTON SWITCHES
ROCKER SWITCHES
ROTARY SWITCHES
SLIDE SWITCHES
SNAP ACTION SWITCHES
TACTILE SWITCHES
TOGGLE SWITCHES
CAP OPTIONS



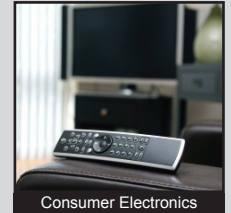
APPLICATIONS / MARKETS



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 |
|----------------------------------|--|---|---|--|---|
| <input type="text" value="KAE"/> | <input type="text" value="01"/> 01 - 1 position <input type="text" value="02"/> 02 - 2 positions <input type="text" value="03"/> 03 - 3 positions <input type="text" value="04"/> 04 - 4 positions <input type="text" value="05"/> 05 - 5 positions <input type="text" value="06"/> 06 - 6 positions <input type="text" value="07"/> 07 - 7 positions <input type="text" value="08"/> 08 - 8 positions <input type="text" value="09"/> 09 - 9 positions <input type="text" value="10"/> 10 - 10 positions <input type="text" value="12"/> 12 - 12 positions | <input type="text" value="L"/> L - Extended <input type="text" value="S"/> S - Recessed without top tape seal <input type="text" value="T"/> T - Recessed with top tape seal | <input type="text" value="A"/> A - Splayed <input type="text" value="H"/> H - Straight <input type="text" value="G"/> G - Gullwing | <input type="text" value="G"/> G - Gold | <input type="text" value="T"/> T - Tube <input type="text" value="R"/> R - Tape & Reel |

Specifications subject to change without notice



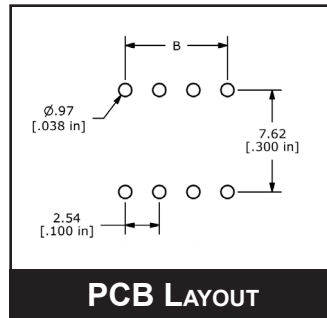
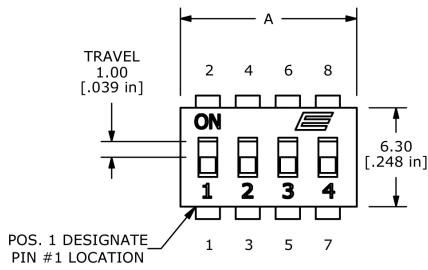
E-SWITCH®

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800.867.2717

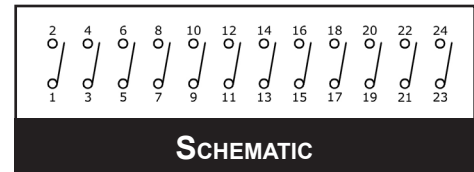
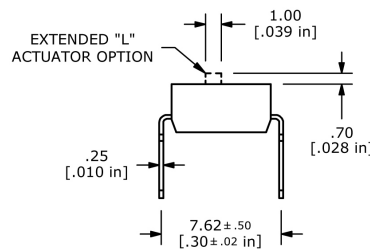
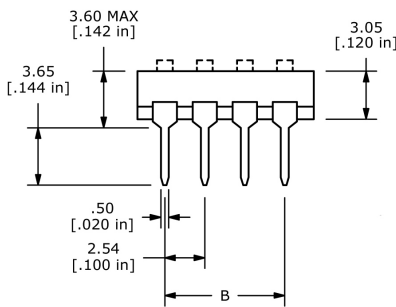
2

STRAIGHT PIN TERMINALS



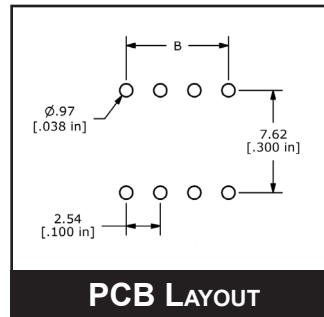
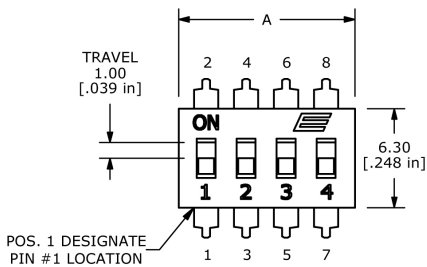
| POSITIONS | DIM A | DIM B |
|-----------|------------------|------------------|
| 1 | 3.58 [.141 in] | N/A |
| 2 | 6.12 [.241 in] | 2.54 [.100 in] |
| 3 | 8.66 [.341 in] | 5.08 [.200 in] |
| 4 | 11.20 [.441 in] | 7.62 [.300 in] |
| 5 | 13.74 [.541 in] | 10.16 [.400 in] |
| 6 | 16.28 [.641 in] | 12.70 [.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



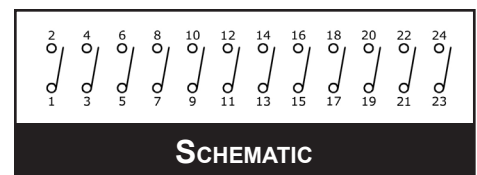
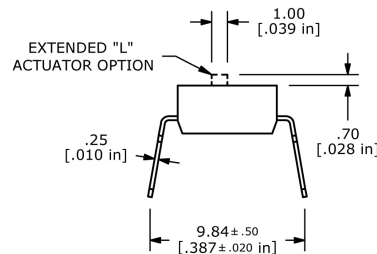
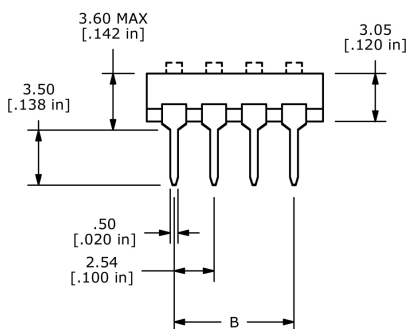
SCHEMATIC

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] |
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| 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] |

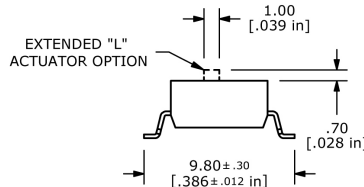
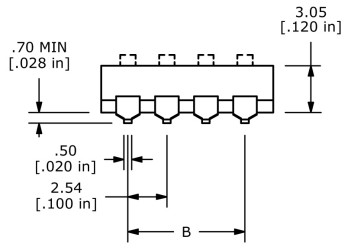
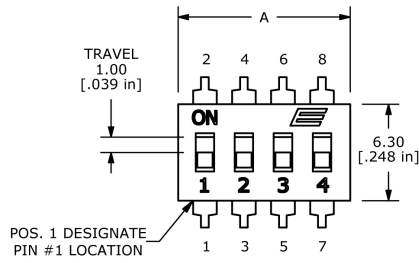
POSITIONS CHART



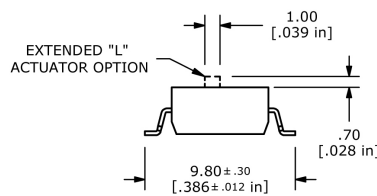
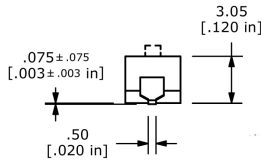
SCHEMATIC



GULLWING TERMINALS



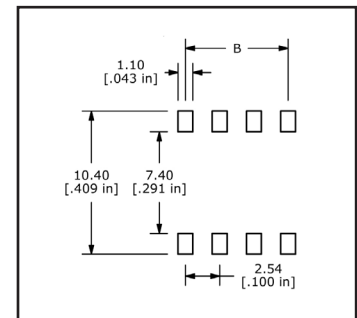
2-12 POSITIONS



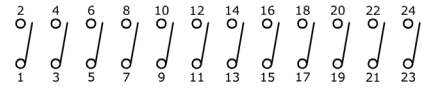
1 POSITION

| 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] |
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| 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

