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We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

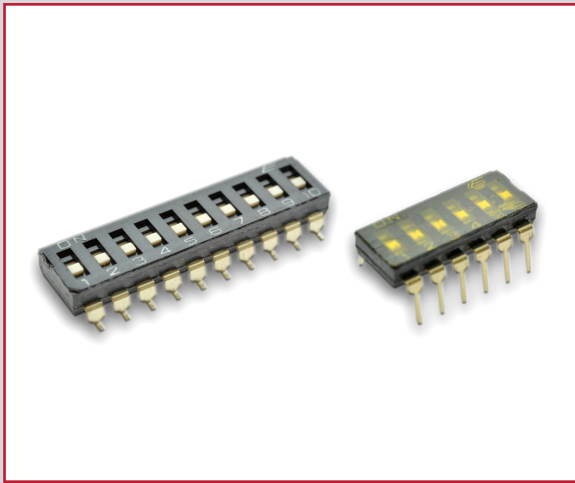
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# KAE SERIES DIP SWITCH

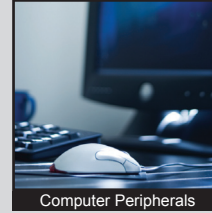
ANTI-VANDAL SWITCHES  
DETECTOR SWITCHES  
DIP SWITCHES  
KEYLOCK SWITCHES  
NAVIGATION SWITCHES  
PUSHBUTTON SWITCHES  
ROCKER SWITCHES  
ROTARY SWITCHES  
SLIDE SWITCHES  
SNAP ACTION SWITCHES  
TACTILE SWITCHES  
TOGGLE SWITCHES  
CAP OPTIONS



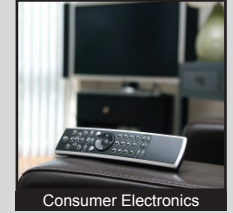
## APPLICATIONS / MARKETS



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"/> <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*



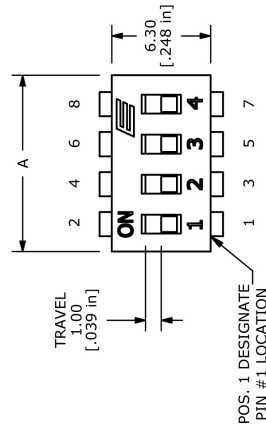
E-SWITCH®

www.e-switch.com

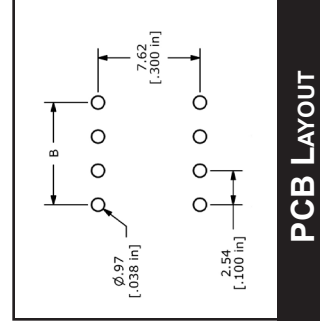
800.867.2717

2

## STRAIGHT PIN TERMINALS

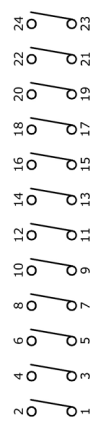
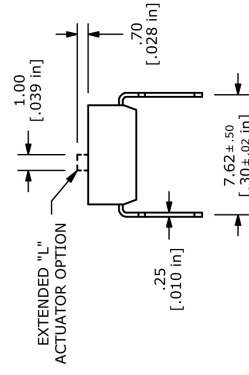
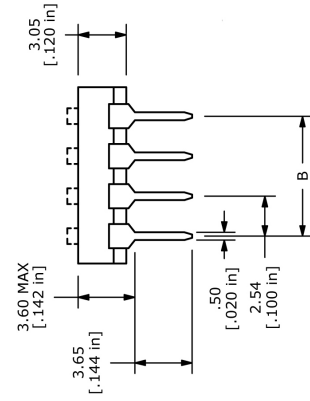


## PCB LAYOUT



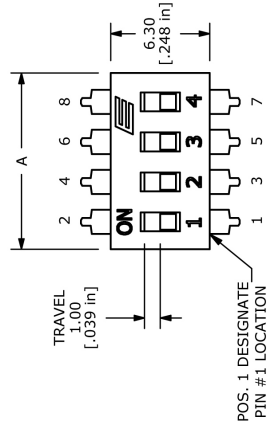
POSITIONS	DIM A	DIM B
1	3.58 [.141 in]	N/A
2	6.12 [.241 in]	2.54 [.100 in]
3	8.66 [.341 in]	5.08 [.200 in]
4	11.20 [.441 in]	7.62 [.300 in]
5	13.74 [.541 in]	10.16 [.400 in]
6	16.28 [.641 in]	12.70 [.500 in]
7	18.82 [.741 in]	15.24 [.600 in]
8	21.36 [.841 in]	17.78 [.700 in]
9	23.90 [.941 in]	20.32 [.800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

## POSITIONS CHART

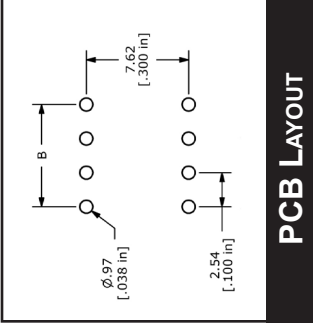


## SCHEMATIC

## SPLAYED PIN TERMINALS

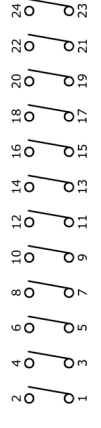
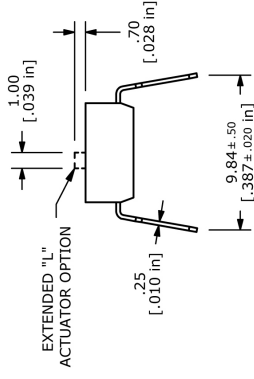
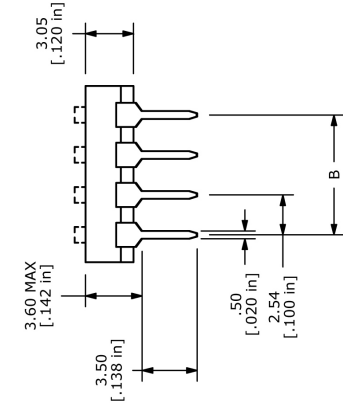


## PCB LAYOUT



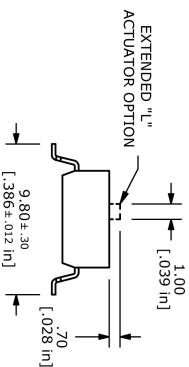
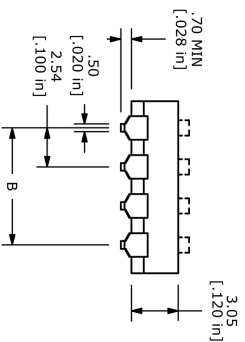
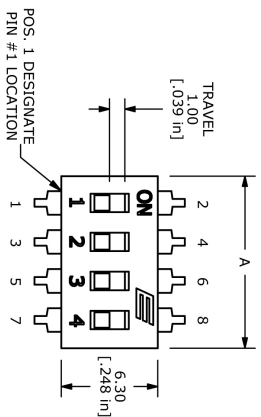
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## POSITIONS CHART

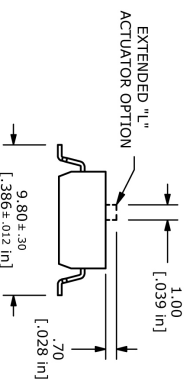
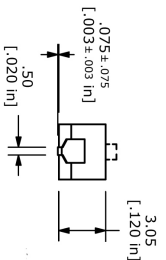


## SCHEMATIC

## GULLWING TERMINALS



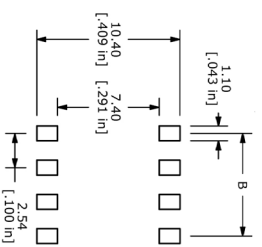
### 2-12 POSITIONS



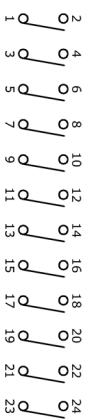
### 1 POSITION

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### POSITIONS CHART



### SMT PCB LAYOUT



### SCHEMATIC

