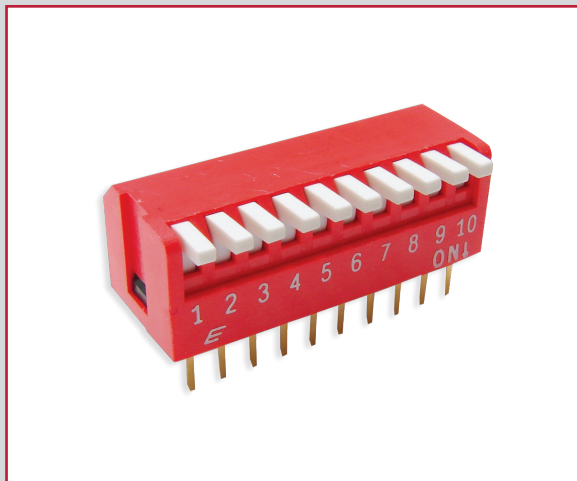
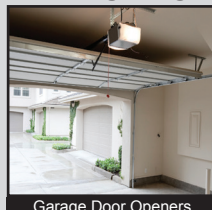


# KAP SERIES DIP SWITCH

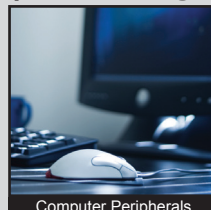
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DETECTOR SWITCHES  
DIP SWITCHES  
KEYLOCK SWITCHES  
NAVIGATION SWITCHES  
PUSHBUTTON SWITCHES  
ROCKER SWITCHES  
ROTARY SWITCHES  
SLIDE SWITCHES  
SNAP ACTION SWITCHES  
TACTILE SWITCHES  
TOGGLE SWITCHES  
CAP OPTIONS



## APPLICATIONS / MARKETS



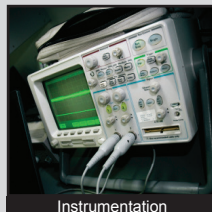
Garage Door Openers



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:** 100mΩ Max.  
**Insulation Resistance:** 100 MΩ Min. at 500VDC  
**Dielectric Strength:** 100VAC for 1 min.  
**Operating Temperature:** -20°C to 85°C  
**Storage Temperature:** -40°C to 85°C  
**Travel:** 2.0mm Typical  
**Contact Arrangement:** SPST each position

## FEATURES & BENEFITS

- Piano style through hole (PCB Pin) termination
- From 2 to 12 positions
- Top seal optional
- Tube packaging

## PART NUMBER CONFIGURATOR

| P Series                        | Model No.                      | Termination                    | Circuit                        | No. of Positions                | Actuator                       | Seal                              |
|---------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|-----------------------------------|
| <input type="text" value="KA"/> | <input type="text" value="P"/> | <input type="text" value="1"/> | <input type="text" value="1"/> | <input type="text" value="02"/> | <input type="text" value="R"/> | <input type="text" value="None"/> |
|                                 | P - Piano Type                 | 1 - PC Pin                     | 1 - SPST                       | 02 - 2 positions                | R - Recessed                   | None - Standard                   |
|                                 |                                |                                |                                | 03 - 3 positions                | Actuator Top                   | Unsealed                          |
|                                 |                                |                                |                                | 04 - 4 positions                | Side Off                       | T - Top Tape                      |
|                                 |                                |                                |                                | 05 - 5 positions                | E - Extended                   | Sealed                            |
|                                 |                                |                                |                                | 06 - 6 positions                | Actuator Top                   |                                   |
|                                 |                                |                                |                                | 07 - 7 positions                | Side Off                       |                                   |
|                                 |                                |                                |                                | 08 - 8 positions                |                                |                                   |
|                                 |                                |                                |                                | 09 - 9 positions                |                                |                                   |
|                                 |                                |                                |                                | 10 - 10 positions               |                                |                                   |
|                                 |                                |                                |                                | 12 - 12 positions               |                                |                                   |

Switches are supplied in standard IC tubes with all poles in the "OFF" position

Specifications subject to change without notice 12.19.2017



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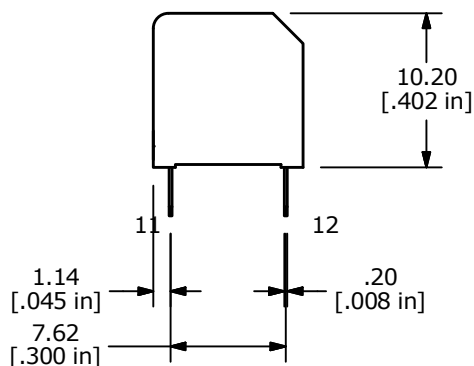
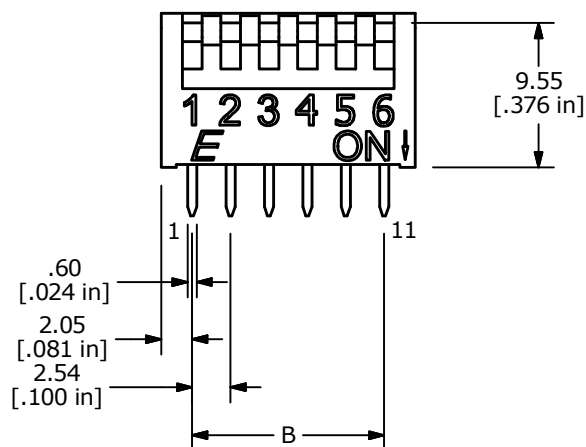
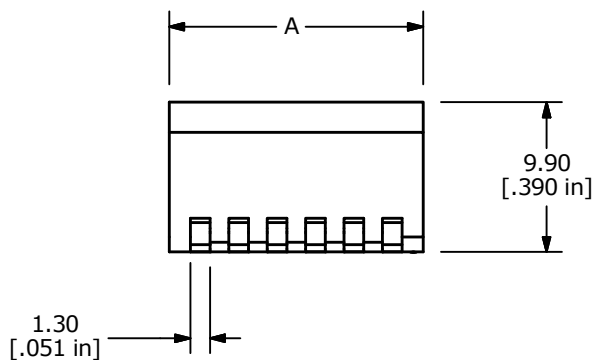
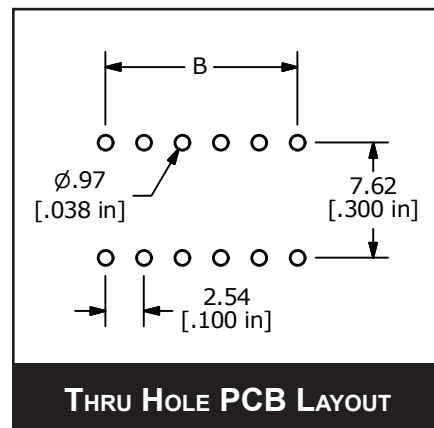
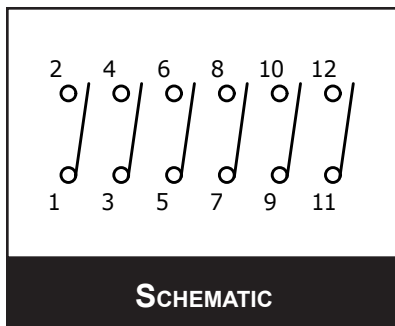
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# KAP SERIES DIP SWITCH

## BODY DIMENSIONS/ POSITION OPTIONS



SHOWN WITH  
R - RECESSED ACTUATOR  
TOP SIDE OFF

| POSITIONS | 2              | 3              | 4               | 5               | 6              | 7               | 8               | 9               | 10               | 12               |
|-----------|----------------|----------------|-----------------|-----------------|----------------|-----------------|-----------------|-----------------|------------------|------------------|
| DIM A     | 6.64<br>[.261] | 9.18<br>[.361] | 11.72<br>[.461] | 14.26<br>[.561] | 16.8<br>[.661] | 19.34<br>[.761] | 21.88<br>[.861] | 24.42<br>[.961] | 26.96<br>[1.061] | 32.04<br>[1.261] |
| DIM B     | 2.54<br>[.100] | 5.08<br>[.200] | 7.62<br>[.300]  | 10.16<br>[.400] | 12.7<br>[.500] | 15.24<br>[.600] | 17.78<br>[.700] | 20.32<br>[.800] | 22.86<br>[.900]  | 27.94<br>[1.100] |



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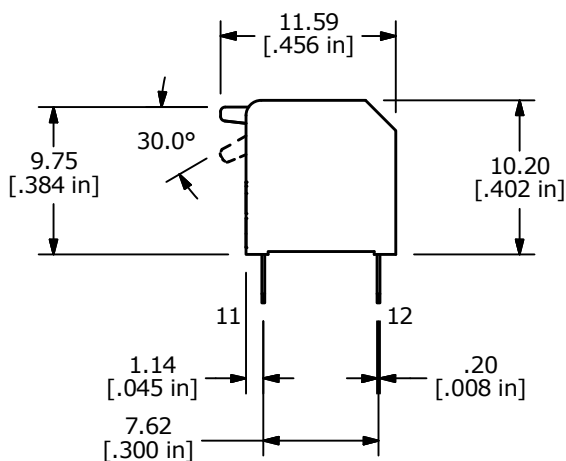
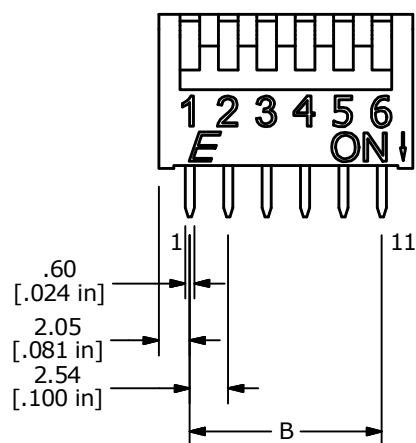
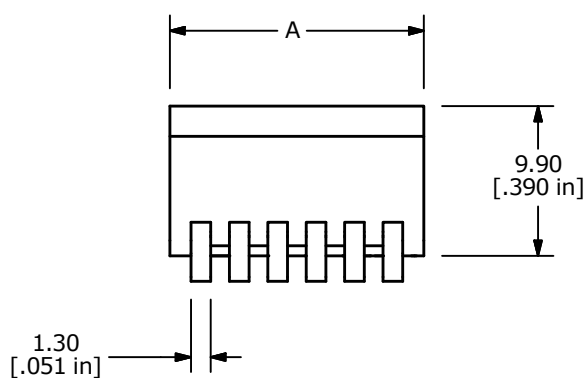
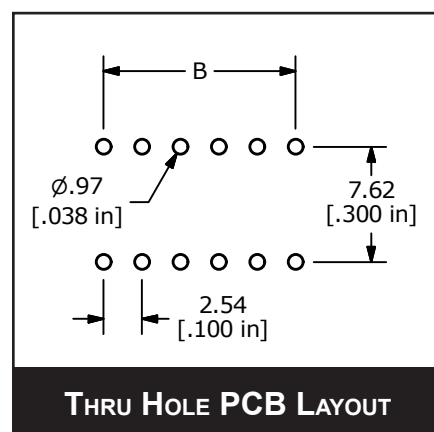
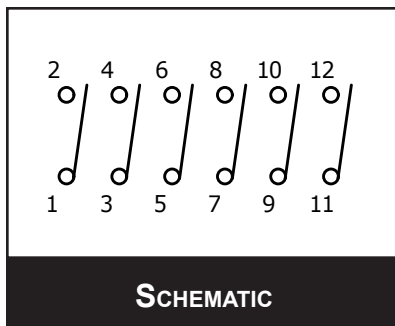
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ANTI-VANDAL SWITCHES  
DETECTOR SWITCHES  
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ROTARY SWITCHES  
SLIDE SWITCHES  
SNAP ACTION SWITCHES  
TACTILE SWITCHES  
TOGGLE SWITCHES  
CAP OPTIONS

# KAP SERIES DIP SWITCH

## BODY DIMENSIONS/ POSITION OPTIONS



SHOWN WITH  
E - EXTENDED ACTUATOR  
TOP SIDE OFF

| POSITIONS | 2              | 3              | 4               | 5               | 6              | 7               | 8               | 9               | 10               | 12               |
|-----------|----------------|----------------|-----------------|-----------------|----------------|-----------------|-----------------|-----------------|------------------|------------------|
| DIM A     | 6.64<br>[.261] | 9.18<br>[.361] | 11.72<br>[.461] | 14.26<br>[.561] | 16.8<br>[.661] | 19.34<br>[.761] | 21.88<br>[.861] | 24.42<br>[.961] | 26.96<br>[1.061] | 32.04<br>[1.261] |
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