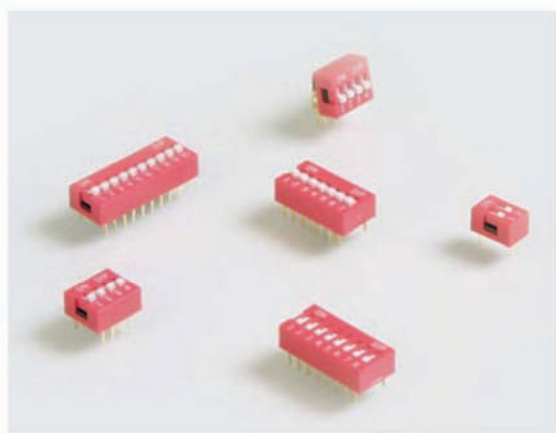




# SERIES KAS SWITCHES

## SLIDE DIP SWITCHES

TACT  
SWITCHESNAVIGATION  
SWITCHESPUSHBUTTON  
SWITCHESTOGGLE  
SWITCHESROCKER  
SWITCHESSLIDE  
SWITCHESSNAP-ACTION  
SWITCHESDIP  
SWITCHESKEYLOCK  
SWITCHESROTARY  
SWITCHESDETECTOR  
SWITCHESCAP.  
OPTIONS

### FEATURES & BENEFITS

- ▶ Available in 2 to 12 positions
- ▶ Tape seal option
- ▶ Vertical & right angle options

### APPLICATIONS/MARKETS

- ▶ Garage door openers
- ▶ Test & instrumentation
- ▶ Telecommunications
- ▶ Controller application

### SPECIFICATIONS

|                            |                                                                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Switch Function:           | SPST, 2 thru 12 positions (except position 11)                                                                                                                             |
| Contact Rating:            | Switch: 25mA @ 24V DC<br>Carry: 100mA @ 50V DC                                                                                                                             |
| Insulation Resistance:     | 100 M $\Omega$ Min. @ 500V DC                                                                                                                                              |
| Contact Resistance:        | Initial: 50 m $\Omega$ typical @ 2-4V DC @ 100mA<br>After Life: 100m $\Omega$ typical @ 2-4 DC @ 100mA                                                                     |
| Operating Life:            | 2,000 make-and-break cycles, each circuit                                                                                                                                  |
| Operating Force:           | 1000 gf max.                                                                                                                                                               |
| Travel (Actuator):         | 2.0 mm typical                                                                                                                                                             |
| Dielectric Strength:       | 500V RMS min. @ sea level between adjacent terminals                                                                                                                       |
| Temperature Range:         | Operating/Storage: -40° C to 85° C                                                                                                                                         |
| Vibration:                 | To MIL-STD-202F, Method 201 A                                                                                                                                              |
| Shock:                     | To MIL-STD-202F, Method 213B, Condition A                                                                                                                                  |
| Soldering Recommendations: | Wave: 500 F (260 C) for 5s max;<br>Hand: 30W soldering iron @ 608 F (320 C) for 2s typical. Keep all switches in the "OFF" position during soldering and cleaning process. |

### MATERIALS

|                       |                                                   |
|-----------------------|---------------------------------------------------|
| Housing and Actuator: | Glass filled polyester (PBT) UL94-V0              |
| Contacts:             | Phosphor Bronze with gold plate over nickel plate |
| Terminals:            | Phosphor Bronze with gold plate over nickel plate |
| Tape:                 | Mylar                                             |

### PACKAGING

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



### HOW TO ORDER

| SERIES | MODEL NO.      | TERMINATION                          | CIRCUIT  | NO. OF POSITIONS                                         | ACTUATOR                               | SEAL                                          |
|--------|----------------|--------------------------------------|----------|----------------------------------------------------------|----------------------------------------|-----------------------------------------------|
| KA     | S = Slide Type | 1 = PC Pin<br>2 = Right Angle PC Pin | 1 = SPST | 02<br>03<br>04<br>05<br>06<br>07<br>08<br>09<br>10<br>12 | R = Recessed Act.<br>E = Extended Act. | (None) = Std. Unsealed<br>T = Top Tape Sealed |



Example Ordering Number

KA-S-1-1-04-R-T

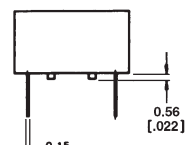
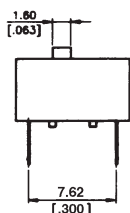
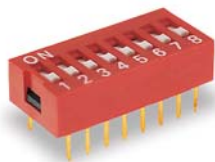
Specifications subject to change without notice.



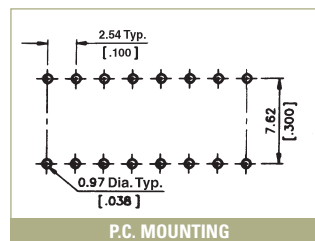
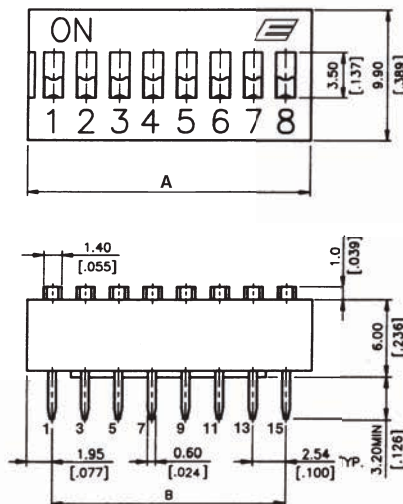
## TERMINATION OPTIONS

## KAS

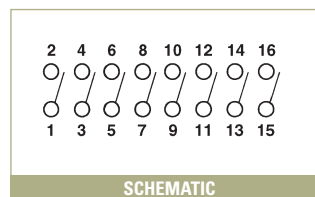
## 1 PC PIN



Position 1 denotes Pin No. 1.



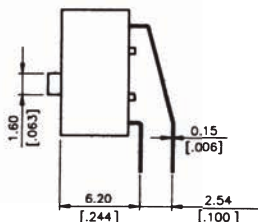
P.C. MOUNTING



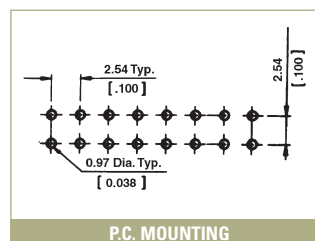
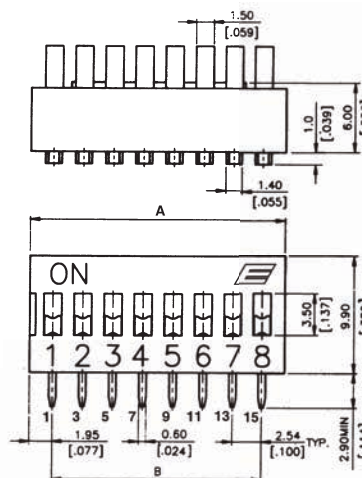
SCHEMATIC

## KAS

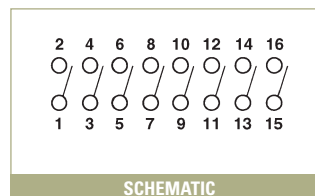
## 2 RIGHT ANGLE PC PIN



Position 1 denotes Pin No. 1.



P.C. MOUNTING

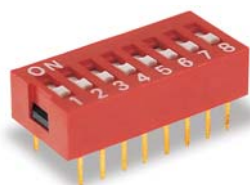


SCHEMATIC

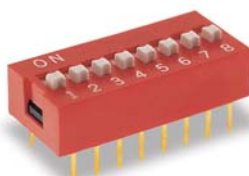
| Positions: | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10      | 12      |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| "A"        | 6.44   | 8.98   | 11.52  | 14.06  | 16.6   | 19.14  | 21.68  | 24.22  | 26.76   | 31.84   |
| Dimension: | (.254) | (.354) | (.454) | (.554) | (.654) | (.754) | (.854) | (.954) | (1.054) | (1.254) |
| "B"        | 2.54   | 5.08   | 7.62   | 10.16  | 12.7   | 15.24  | 17.78  | 20.32  | 22.86   | 27.94   |
| Dimension: | (.100) | (.200) | (.300) | (.400) | (.500) | (.600) | (.700) | (.800) | (.900)  | (1.100) |

## ACTUATOR OPTIONS

## R RECESSED

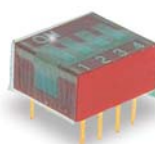


## E EXTENDED



## SEAL OPTIONS

## R TOP TAPE SEALED



## ET TOP TAPE SEALED



# AMEYA360

Components Supply Platform

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