



SERIES KAP SWITCHES

PIANO DIP SWITCHES

TACT
SWITCHES

NAVIGATION
SWITCHES

PUSHBUTTON
SWITCHES

TOGGLE
SWITCHES

ROCKER
SWITCHES

SLIDE
SWITCHES

SNAP-ACTION
SWITCHES

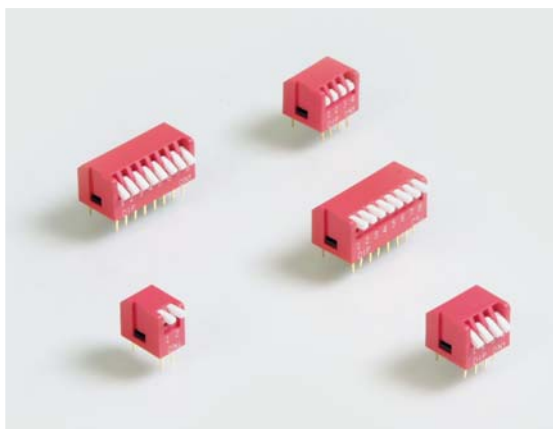
DIP
SWITCHES

KEYLOCK
SWITCHES

ROTARY
SWITCHES

DETECTOR
SWITCHES

CAP
OPTIONS



FEATURES & BENEFITS

- ▶ Piano style
- ▶ Top side off or top side on option
- ▶ Tape seal option

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
Carry: 100mA @ 50V DC

Insulation Resistance: 100 M Ω Min. @ 500V DC

Contact Resistance: Initial: 50 m Ω typical @ 2-4V DC @ 100mA
After Life: 100m Ω 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;
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	P = Piano Type	1 = PC Pin	1 = SPST	02 03 04 05 06 07 08 09 10 12	R = Recessed Act., Top Side OFF E = Extended Act., Top Side OFF V = Recessed Act., Top Side ON W = Extended Act., Top Side ON	(None) = Std. Unsealed T = Top Tape Sealed

Example Ordering Number

KA-P-1-1-04-R-T

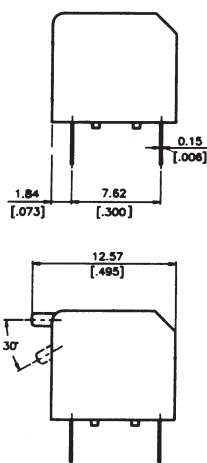
Specifications subject to change without notice.



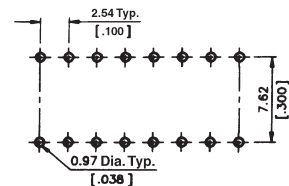
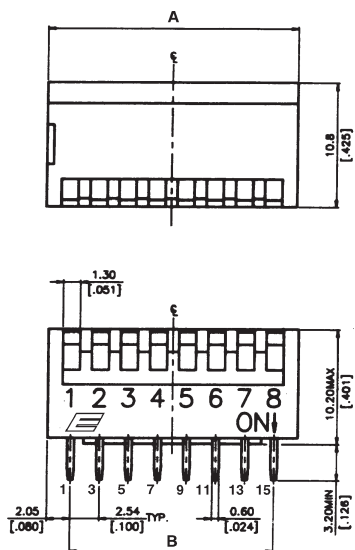
TERMINATION OPTIONS

KAP

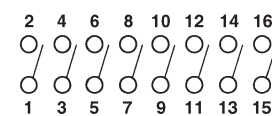
1 PC PIN



Position 1 denotes Pin No. 1.



P.C. MOUNTING

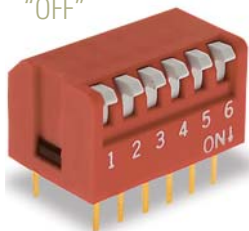
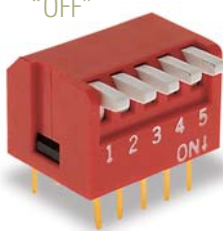
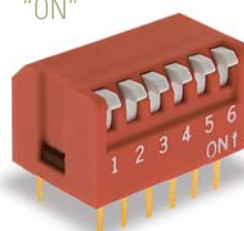
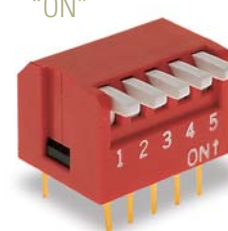


SCHEMATIC

ACTUATOR OPTIONS

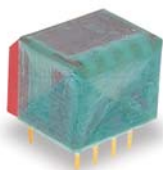
Positions:	2	3	4	5	6	7	8	9	10	12
"A"	6.64	9.18	11.72	14.26	16.8	19.34	21.88	24.42	26.96	32.04
Dimension:	(.261)	(.361)	(.461)	(.561)	(.661)	(.761)	(.861)	(.961)	(1.061)	(1.261)
"B"	2.54	5.08	7.62	10.16	12.7	15.24	17.78	20.32	22.86	27.94
Dimension:	(.100)	(.200)	(.300)	(.400)	(.500)	(.600)	(.700)	(.800)	(.900)	(1.100)

NUMBER OF POSITIONS

R RECESSED TOPSIDE
"OFF"E EXTENDED TOPSIDE
"OFF"V RECESSED TOPSIDE
"ON"W EXTENDED TOPSIDE
"ON"

SEAL OPTIONS

T Top Tape Sealed

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

AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com