



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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

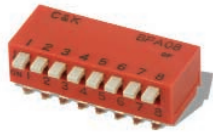
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

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



C&K BPA Series Side Actuated DIP Switches



Features/Benefits

- Side actuated contacts
- Available in thru-hole or SMT models
- High pressure contact system does not require tape seal

Typical Applications

- Address switch for industrial controls
- Logic switching for computers and peripherals
- Function controlling for numerous applications

How To Order

Complete part numbers for BPA Series are shown on pages H-11 thru H-12. All switches supplied in "OFF" position.

Specifications

- SWITCH FUNCTION: 2 thru 10 position available (except 3 position).
- CONTACT RATING: 100 mA max. @ 5 V DC or 25 mA max. @ 24 V DC.
- MECHANICAL AND ELECTRICAL LIFE: 1,000 cycles min. @ 5 V DC 10mA.
- CONTACT RESISTANCE: 50 milliohms initial max.
- INSULATION RESISTANCE: 100 V DC 100 megohms min.
- DIELECTRIC WITHSTAND VOLTAGE: 300 V AC for 1 minute.
- STORAGE TEMPERATURE: -40°C to 85°C.
- OPERATING TEMPERATURE: -20°C to 85°C.
- OPERATING FORCE: 800 grams max.
- SOLDERABILITY: Flow solderable and washable (soldering: 235°C ± 5°C for 5 sec.)

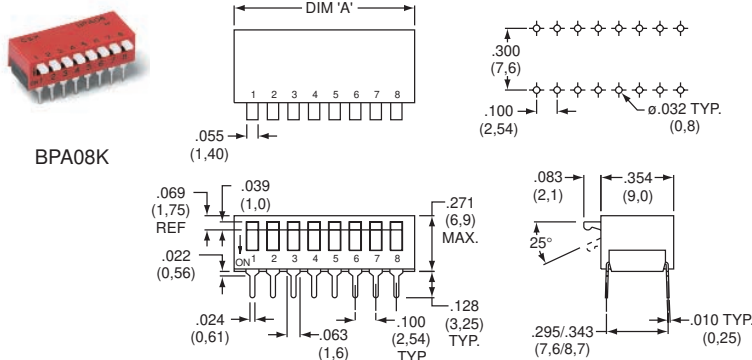
PACKAGING: Switches supplied in rigid dispensing tubes in full-tube quantities only, this may affect order quantity. Numbers of switches per tube varies with model. Tape and reel packaging only available for 4, 8 & 9 positions.

Materials

- HOUSING: PBT (thru-hole) color: Black. PPA (SMT) color: Red (all UL94V-0).
- COVER: PBT (thru-hole) color: Red. PPA (SMT) color: Red (all UL94V-0).
- ACTUATOR: PBT (thru-hole): PA-6T (SMT) (UL94V-0).
- CONTACTS: Beryllium copper with gold plate.
- TERMINALS: Brass/Tin-lead plated.

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

Side Actuator – Thru-hole Terminals



PART NUMBER	NO. POS.	DIM. 'A'	QUANTITY PER TUBE
BPA02K	2	.280 (7,11)	60
BPA04K	4	.480 (12,19)	35
BPA05K	5	.578 (14,68)	30
BPA06K	6	.680 (17,30)	25
BPA07K	7	.778 (19,76)	20
BPA08K	8	.878 (22,30)	20
BPA09K	9	.978 (24,84)	15
BPA10K	10	1.078 (27,43)	15

Schematic

SPST

NOTE: Reverse throw available, add "R" to part number for "on" in "up" position. (example: BPA08RK)

C&K BPA Series Side Actuated DIP Switches



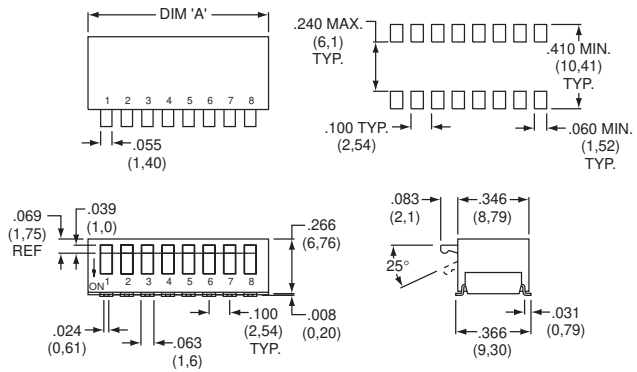
H
DIP

Side Actuator – Surface Mount Terminals

PART NUMBER	NO. POS.	DIM. 'A'	QUANTITY PER TUBE
BPA02SK	2	.280 (7,11)	60
BPA04SK	4	.480 (12,19)	35
BPA05SK	5	.578 (14,68)	30
BPA06SK	6	.680 (17,30)	25
BPA07SK	7	.778 (19,76)	20
BPA08SK	8	.878 (22,30)	20
BPA09SK	9	.978 (24,84)	15
BPA10SK	10	1.078 (27,43)	15

Schematic

SPST

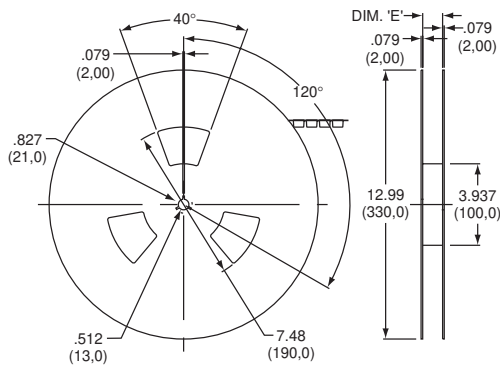


NOTE: Reverse throw available, add "R" to part number for "on" in "up" position. (example: BPA08RSK)

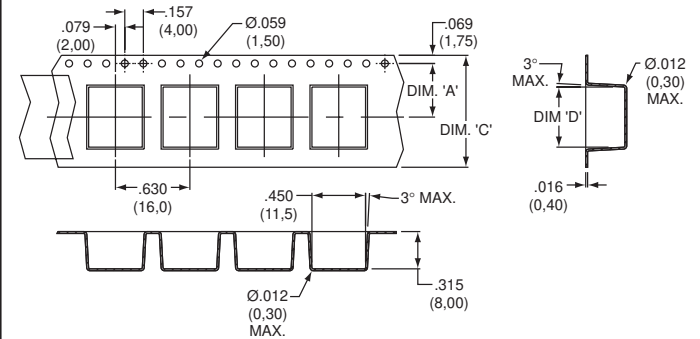
Tape & Reel Packaging - Surface Mount Options Only 4, 8 & 9 Positions Only

POLES	DIM. 'A'	DIM. 'B'	DIM. 'C'	DIM. 'D'	DIM. 'E'
4	.453 (11,5)	—	.945 (24,0)	.508 (12,9)	.961 (24,4)
8	.795 (20,2)	1.590 (40,4)	1.732 (44,0)	.894 (22,7)	1.748 (44,4)
9	.795 (20,2)	1.590 (40,4)	1.732 (44,0)	1.004 (25,5)	1.748 (44,4)

Note: For tape and reel packaging, add 'R' to end of part number.



4 Position



8 & 9 Position

