

11



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

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

Technical drawings of the 8-pin DIP package showing top, side, and detail views with dimensions in inches and millimeters.

Top View:

- Overall width: DIM 'A'
- Pin 1 indicator: ON with an arrow pointing to pin 1.
- Pin numbers: 1, 2, 3, 4, 5, 6, 7, 8.
- Pin height: .380 (9,65)
- Pin pitch: .100 TYP. (2,54)
- Pin width: .062 (1,58) MAX ACTUATOR TRAVEL
- Pin spacing: .062 (1,58) MAX ACTUATOR TRAVEL
- Pin diameter: Ø.038 TYP. (0,97)
- Pin hole diameter: .100 TYP. (2,54)
- Pin hole spacing: .297 (7,55)
- Pin hole diameter: .038 TYP. (0,97)
- Pin hole spacing: DIM 'B'

Side View:

- Pin height: .265 (6,73)
- Pin width: .059 TYP. (1,5)
- Pin spacing: .100 TYP. (2,54)
- Pin width: .020 TYP. (0,51)
- Pin height: .141 TYP. (3,58)
- Pin width: .030 (0,77)
- Pin width: .089 (2,26)

Detail View:

- Pin width: .080 TYP. (2,03)
- Pin width: .032 (0,82) TYP.
- Pin width: .007 (0,18)
- Pin width: .297 (7,55)

PART NUMBER	NO.POS.	DIM. 'A'	QUANTITY PER TUBE
BD01	1	.180 (4,57)	115
BD02	2	.280 (7,11)	74
BD03	3	.380 (9,65)	54
BD04	4	.480 (12,19)	43
BD05	5	.580 (14,73)	35
BD06	6	.680 (17,27)	30
BD07	7	.780 (19,81)	26
BD08	8	.880 (22,35)	23
BD09	9	.980 (24,89)	21
BD10	10	1.080 (27,43)	19
BD12	12	1.280 (32,51)	16

Schematic

SPST



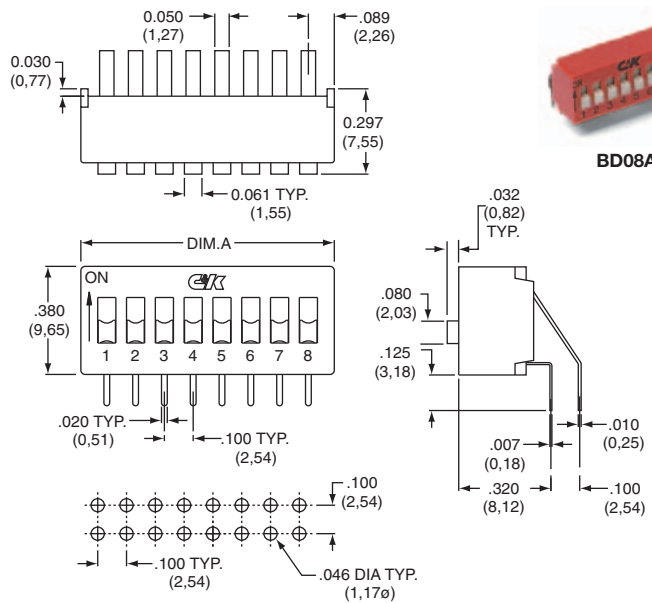
Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change

BD Series Standard Profile DIP Switches

Open Base and AV Right Angle Terminal Style

PART NUMBER	NO.POS.	DIM. 'A'	QUANTITY PER TUBE
BD02AV	2	.280 (7,11)	72
BD03AV	3	.380 (9,65)	52
BD04AV	4	.480 (12,19)	42
BD05AV	5	.580 (14,73)	35
BD06AV	6	.680 (17,27)	29
BD07AV	7	.780 (19,81)	26
BD08AV	8	.880 (22,35)	23
BD09AV	9	.980 (24,89)	20
BD10AV	10	1.080 (27,43)	18
BD12AV	12	1.280 (32,51)	15

Schematic
SPST



BD08AV



H

DIP

Installation, Soldering and Cleaning

All BD Series Standard Profile DIP Switches can be hand soldered or machine soldered without the use of boot, caps, tapes or special attention. Open base washable models have unique design, allowing solvent cleaners and water/detergent solutions to flush and clean the electrical contacts of the contaminants and fluxes. For best results, follow these directions:

- 1) Wave soldering recommended at 500° F (260°C) solder temperature.
- 2) Hand solder using 30 watt small tip iron controlled at 500° F (260°C), 10 seconds max./terminal.
- 3) Open base washable models: Clean flux using forced rinse, high agitation or triple bath cleaning method.
DO NOT mask or cover switch in any way during cleaning. Switch is designed for easy solvent flush out.
- 4) All switch actuators must be in 'OFF' position during soldering and cleaning processes.



Third Angle
Projection

Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change

