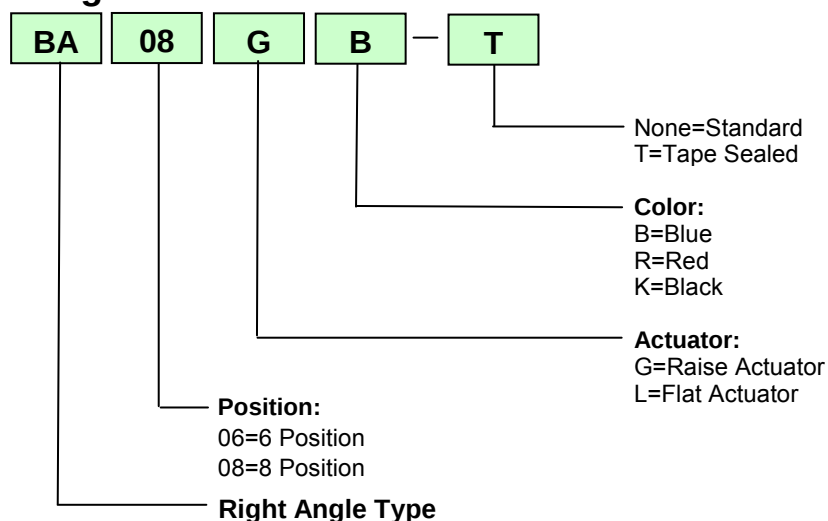


MODEL	SPECIFICATION RoHS Compliant DIP SWITCH	SP-001	Page
BA series Right Angle Type			1/4

Ordering Information:



Specifications

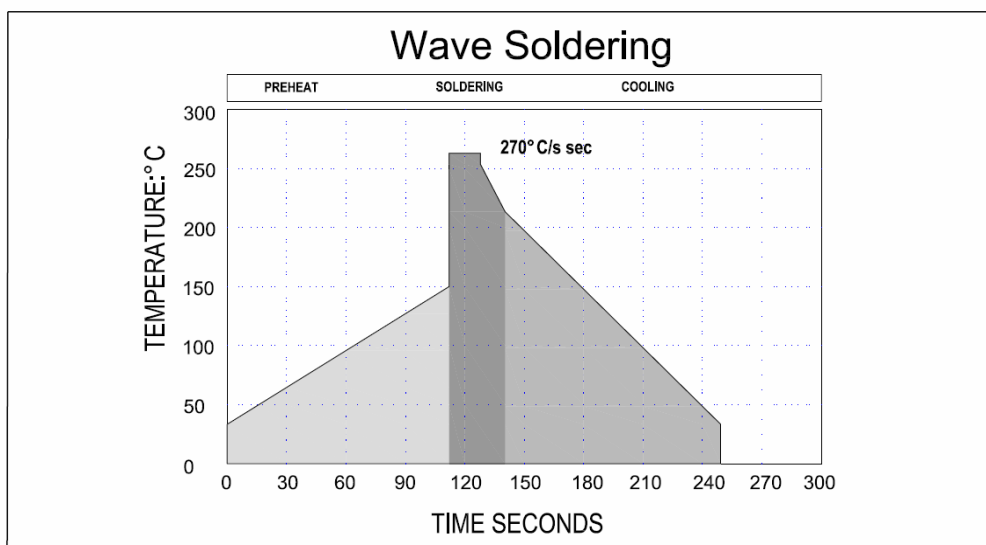
◆ Contact Rating	Switching..... 25mA, 24VDC
	Non-Switching.....100mA, 50VDC
◆ Contact Resistance	Initial.....50mΩ Max.
	After Life Test.....100mΩ Max.
◆ Insulation Resistance	100MΩ Min. at 500VDC
◆ Dielectric Strength	500VDC / 1 minute
◆ Operation Force	1,000g max
◆ Travel :	1.8mm
◆ Mechanical Life	 3,000 cycles (Min.)
◆ Electrical Life	 3,000 cycles (Min.) 100mA, 50VDC
◆ Operation Temperature	-40°C ~ +85°C
◆ Storage Temperature	-40°C ~ +85°C

Soldering Information

- ◆ **Hand Soldering**
Soldering iron 30W or under at 350 for 3 sec max or at 270 for 5 sec max.
- ◆ **Wave Soldering**
For lead free wave solder simulation of typical components, the solder bath temperature Shall be maintained to 270 .
The hold time in the solder shall be 10 +2/-0 seconds.
- ◆ Keep all actuators in “ OFF ” position during soldering and cleaning process.

MODEL	SPECIFICATION RoHS Compliant DIP SWITCH	SP-002	Page
BA series Right Angle Type			2/4

Classification Wave Soldering Profiles



Maximum dwell time in the solder wave (270) shall not exceed 5 seconds.

Switch Operation and Taping

- (1) Use tweezers for operation.
- (2) Flux cleaning should be done without removing the Tape.
- (3) If the tape is removed, it adheres less than before when it is placed back on, possibly causing flux inflow
- (4) Ultrasonic cleaning not re-commended.

※ All switch must set in OFF position when through Soldering process .

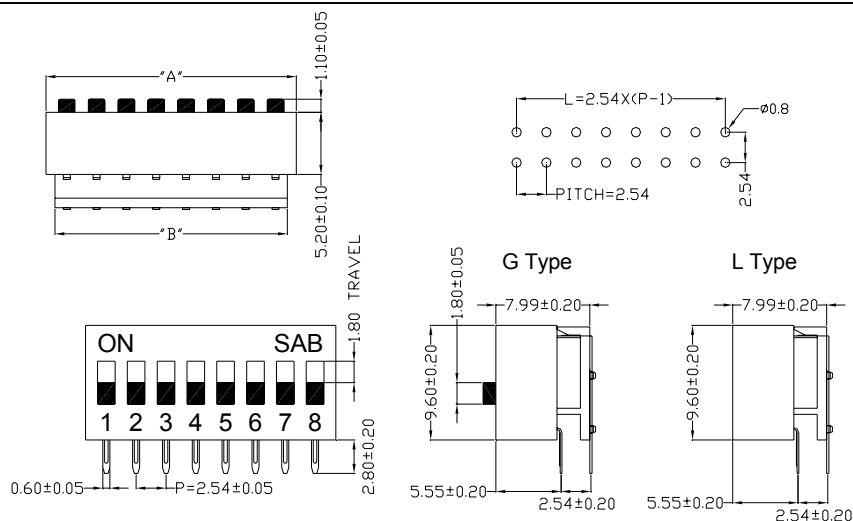
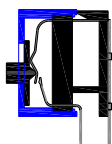
※ Any flux enters the switch may influence contact function .

MODEL	SPECIFICATION RoHS Compliant DIP SWITCH	SP-003	Page
BA series Right Angle Type			3/4

Materials:

◆ Cover	PBT (UL 94V-0), Blue / Red
◆ Base	PA66 (UL 94V-0), Black
◆ Actuator	PA66 (UL 94V-0), White
◆ Support	PA66 (UL 94V-0), Black
◆ Contact	Gold plated
◆ Terminal	Pure-Tin Plated
◆ Tape	Polyester Film

BA



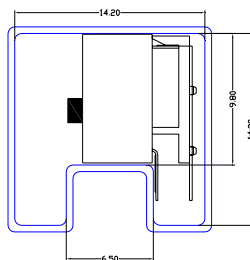
Part Number Table:

No. Pos.	Dim. "A"	Raise Actuator Red Tube Package	Flat Actuator Blue Tube Package
2	6.08	BA02G-R	BA02L-B
4	11.16	BA04G-R	BA04L-B
6	16.24	BA06G-R	BA06L-B
8	21.32	BA08G-R	BA08L-B
10	26.40	BA10G-R	BA10L-B
12	31.48	BA12G-R	BA12L-B

Tube Package:

POLE	2	4	6	8	10	12
TUBE	85	47	32	24	20	16
BOX	4165	2303	1568	1176	980	784
CTN 1	8330	4606	3136	2352	1960	1568
CTN 2	16660	9212	6272	4704	3920	3136

MODEL	SPECIFICATION	SP-004	Page
BA series			
Right Angle Type			RoHS Compliant DIP SWITCH



Box Dimension:

◆ Tube56cm × 12cm × 12cm

Carton Dimension:

◆ Tube 2 Boxes.....58.5cm x 26.5cm x 16cm
 4 Boxes.....58.5cm x 26.5cm x 24cm