

# EAH SERIES

AUTO INSERTING TYPE

U.S.Electronics Inc.

Ph: (314)423 7550

Fax: (314)423 0585

PATENT NO.:59876476184856189(U.S.A.)66207

## FEATURES

- Same size with IC, can be assembled by any automatic IC inserter.
- Molded 0.3" integrated circuit packing outline allowing automatic insertion.
- Smaller size makes better heat convection during PC board wave soldering.
- Top tape sealed to withstand wave soldering, board washing.
- All plastics are UL 94V-0 grade fire retardant.
- Twin contacts designed to ensure stable contact.
- Gold plated contact to ensure low contact resistance and Tin plated terminals to prevent contamination during soldering.

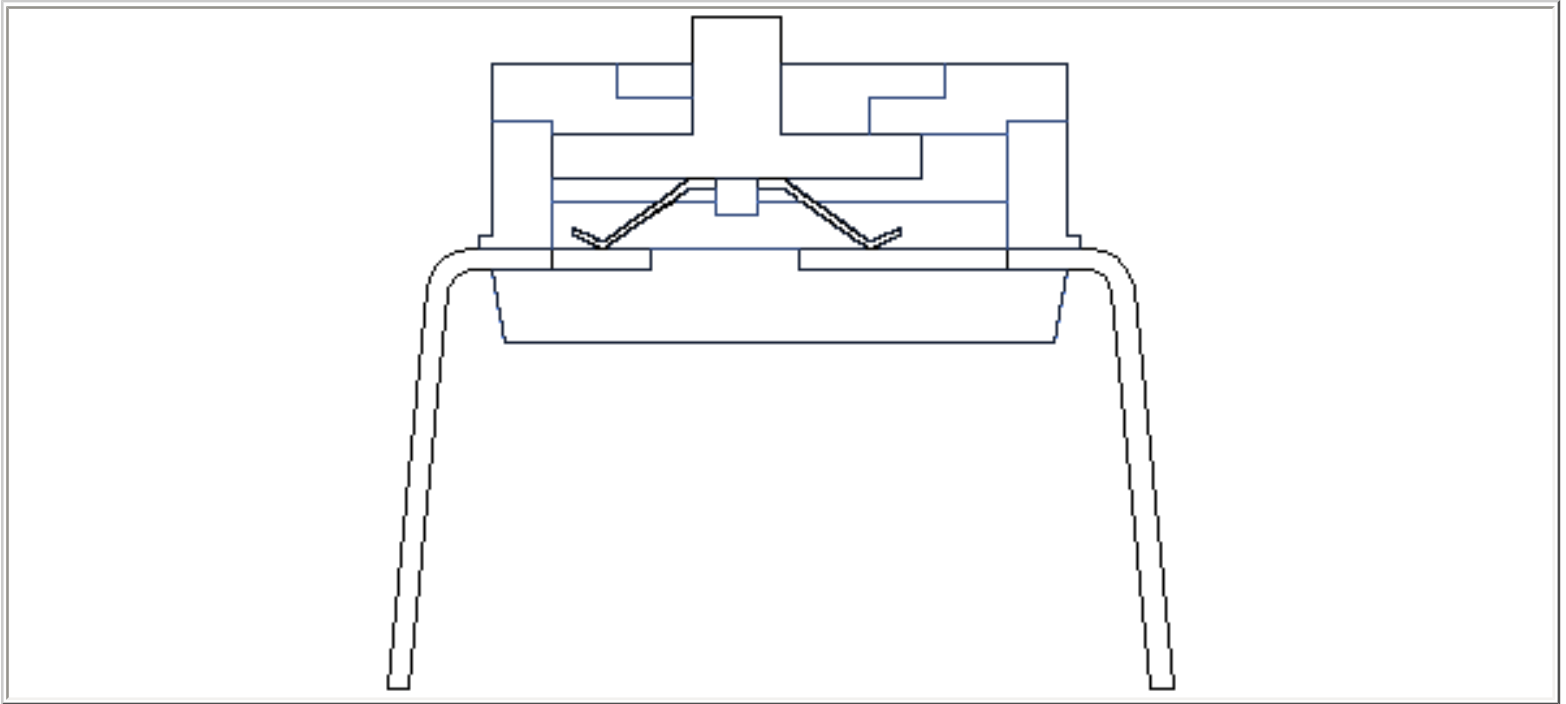
## SPECIFICATIONS

### 1 . ELECTRICAL

Contact rating	
switching	25 mA, 24 VDC
non-switching	100 mA, 50 VDC
Contact resistance	
initial	50 m $\Omega$ Max.
after life test	100 m $\Omega$ Max.
Insulation resistance	1000 M $\Omega$ Min. at 100 VDC
Dielectric strength	500 VDC Min. for 60 seconds
Capacitance between adjacent switches 5 pF Max.	



# CONSTRUCTION

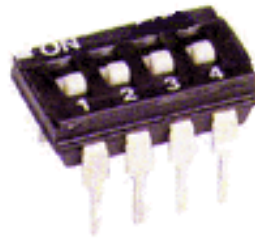


## OPTIONS

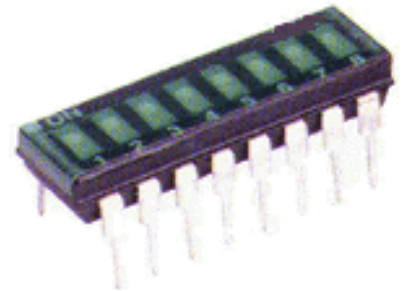
- 1. Special marking and case color available upon request.
- 2. Two kinds of pitch available.

Actuator	Pitch (mm)	
	Standard	Option
L	8.50	7.62
E	7.62	8.50

3. Extended Actuator



4. Tape Sealed



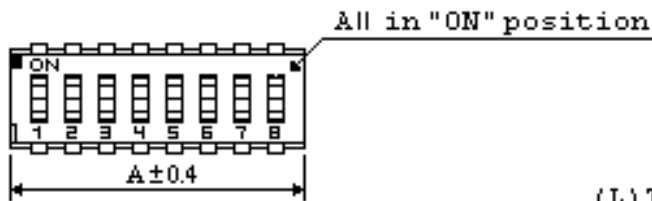
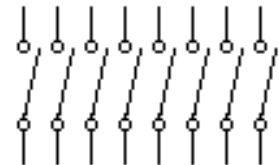
## DIMENSIONS AND CIRCUITRY (UNIT: mm)

### DIMENSION A

Positions	2	3	4	5	6	7	8	10	12
A	6.88 (0.271)	9.42 (0.371)	11.96 (0.471)	14.50 (0.571)	17.04 (0.671)	19.58 (0.771)	22.12 (0.871)	27.20 (1.071)	32.28 (1.271)

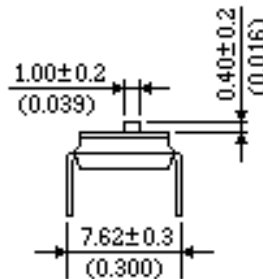
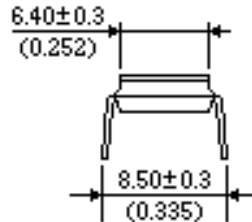
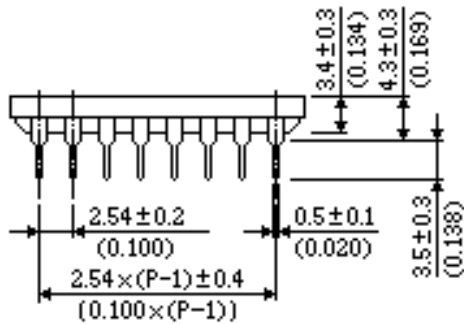
Unit:mm(inch)

### CIRCUIT DIAGRAM



### (L) TYPE

### (E) TYPE



### P.C.B. LAYOUT (TOP VIEW)

