



**EAH SERIES
AUTO INSERTING TYPE**



■ 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.
- RoHS Compliant

■ APPLICATIONS

- Numerical setting for computer terminal equipment
- Price setting for vending machines
- Programming for game machines
- Programming for industrial equipment and measuring instruments

■ SPECIFICATIONS

1.ELECTRICAL

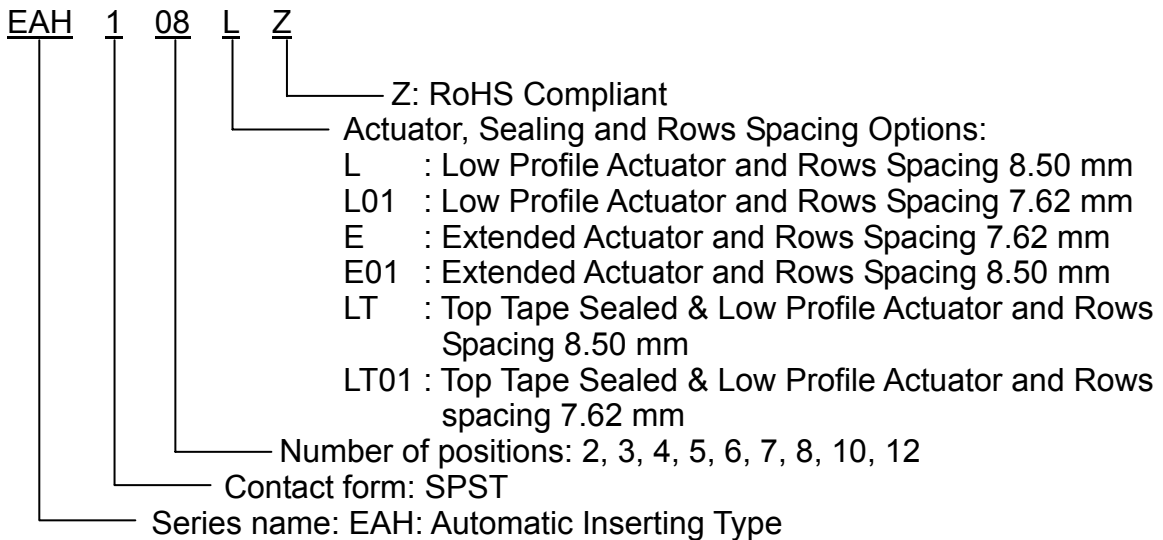
| | |
|--------------------------------------------------|----------------------------|
| ● Contact rating | |
| switching | 25mA, 24VDC |
| non-switching | 100mA |
| ● Contact resistance | |
| initial | 50mΩ Max. |
| after life test | 100mΩ Max. |
| ● Insulation resistance | 1000MΩ Min. at 100VDC |
| ● Dielectric strength | 500VDC Min. for 60 seconds |
| ● Capacitance between adjacent switches 5pF Max. | |



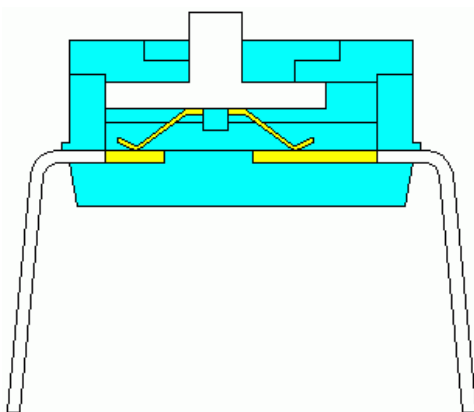
2.MECHANICAL and ENVIRONMENTAL

| | |
|--------------------------------|--------------------------------------|
| ● Temperature rating | |
| operating | -40°C to +85°C |
| storage | -40°C to +85°C |
| ● Operation force | 800g Max. |
| ● Mechanical life | 2000 operations |
| ● Humidity | 95% RH, 40°C for 96 Hrs. |
| ● Vibration | 10Hz-55Hz-10Hz for 6 Hrs. |
| ● Solderability | After flux 245±5°C for 5±1 seconds |
| ● Resistance to soldering heat | Solder bath:260±5°C for 5±1 seconds. |

■ PART NUMBERING SYSTEM



■ CONSTRUCTION



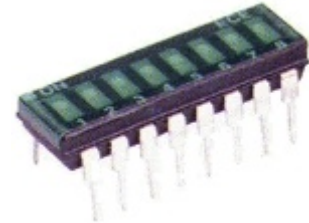
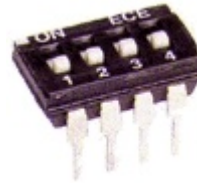
■ OPTIONS

1. Special marking is available
2. Two kinds of pitch available

3. Extended Actuator

4. Tape Sealed

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



■ DIMENSIONS AND CIRCUITRY

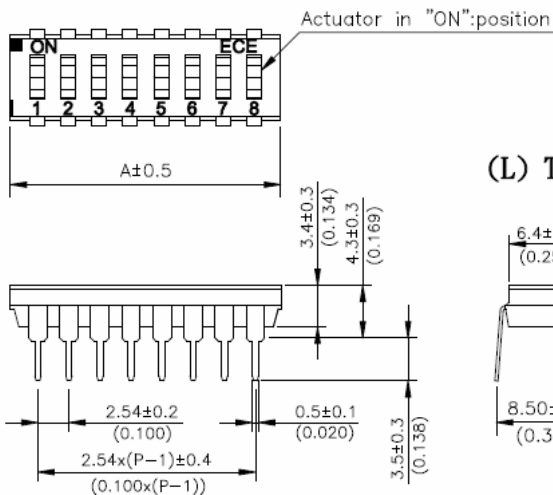
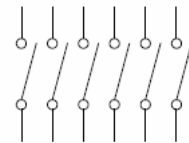
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Dimension A

Unit:mm(inch)

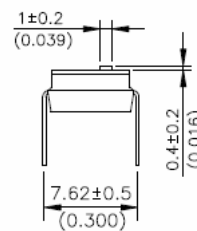
| Positions | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 10 | 12 |
|-----------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| A | 6.88 (0.271) | 9.42 (0.371) | 11.96 (0.471) | 14.50 (0.571)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

CIRCUIT DIAGRAM



(L) TYPE

(E) TYPE



P. C. B. LAYOUT
(TOP VIEW)

