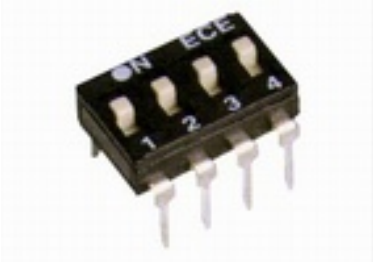
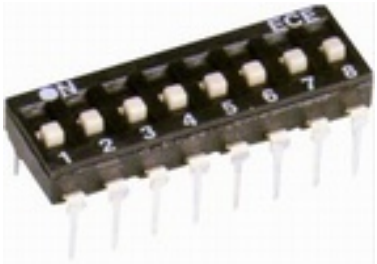
EAM SERIES

END-STACKABLE TYPE





FEATURES

- End stackable for standard 0.1" integrated circuit pitch.
- Molded 0.3" integrated circuit packing outline allowing automatic insertion.
- Smaller size makes better heat convection during PC board reflow 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 terminal to prevent contamination during soldering.

SPECIFICATIONS

1.ELECTRICAL

Contact rating	
switching	25mA, 24VDC
non-switching	100mA
Contact resistance	
initial	50mΩ Max.
after life test	100mΩ Max.
Insulation resistance	1,000MΩ Min. at 100VDC
Dielectric strength	500VDC Min. for 60 seconds
Capacitance between adjacent switches 5pF Max.	

2.MECHANICAL

Temperature rating	
operating	-25℃ to +70℃
storage	-40℃ to +85℃
Operation force	800g Max.
Mechanical life	2000 operations
Humidity	95%RH, 40℃ for 96 Hrs.
Vibration	Per MIL-STD-202F, method 204D
Solderability	after flux 230±5℃ for 5±0.5 seconds, 95% coverage
Resistance to soldering Heat	260±5℃ for 5±1 seconds

PART NUMBERING SYSTEM

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EAM 1 08 L X
 |  |  | | |
 |  |  | | +--- Blank:Standard
 |  |  | |      Z:RoHS Compliance
 |  |  | +--- Actuator, Sealing and Rows Spacing Options:
 |  |  |         L:Low Profile Actuator
 |  |  |           and Rows Spacing 8.50mm(Standard)
 |  |  |       L01:Low Profile Actuator
 |  |  |           and Rows Spacing 7.62mm
 |  |  |         E:Extended Actuator
 |  |  |           and Rows Spacing 7.62mm(Standard)
 |  |  |       E01:Extended Actuator
 |  |  |           and Rows Spacing 8.50mm
 |  |  |        LT:Top Tape Sealed & Low Profile Actuator
 |  |  |           and Rows Spacing 8.50mm
 |  |  |      LT01:Top Tape Sealed & Low Profile Actuator
 |  |  |           and Rows Spacing 7.62mm
 |  |  +--- Number of Positions: 1,2,3,4,5,6,7,8,9,10,12
 |  +--- Contact form: SPST
 +--- Series name: EAM:End-Stackable Type
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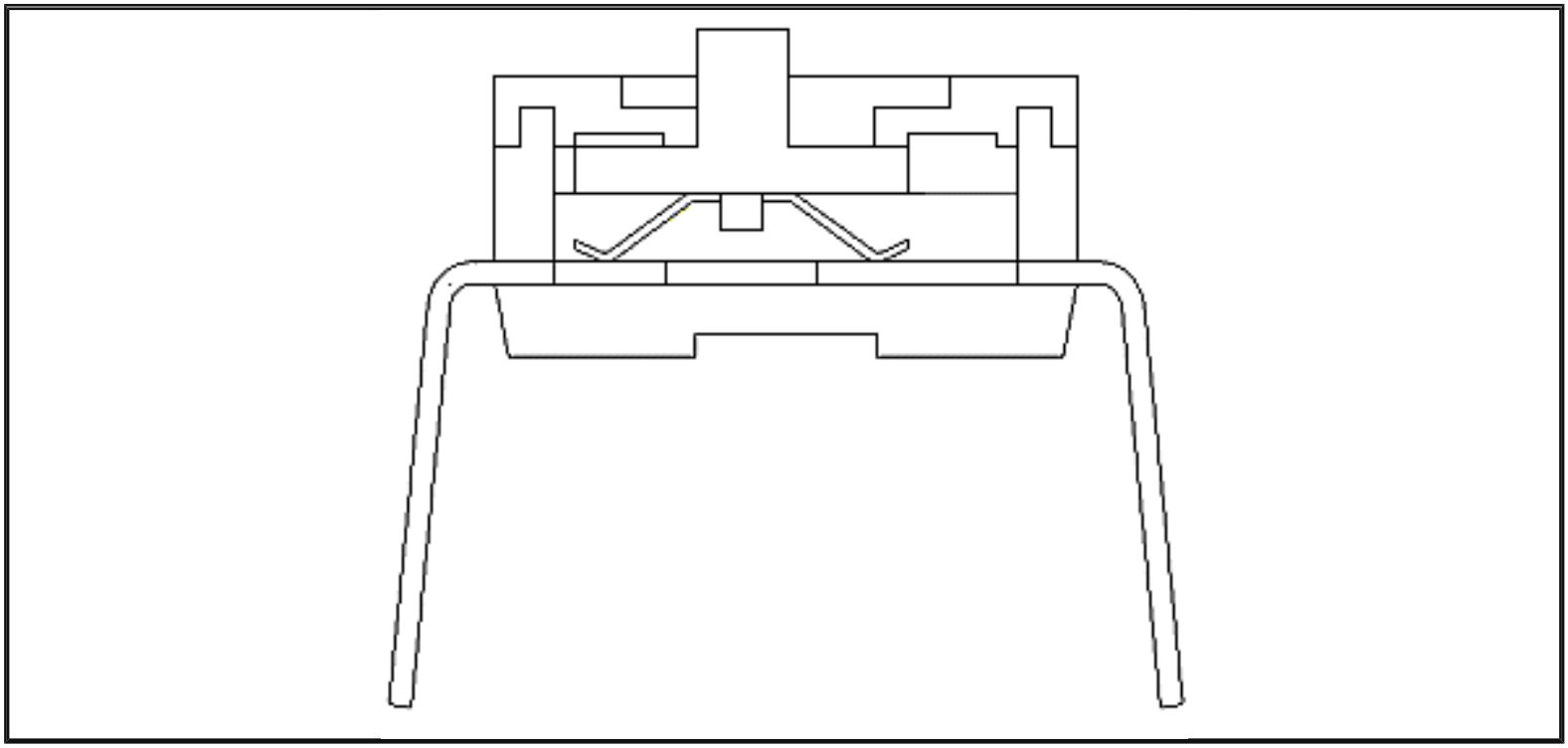
CONSTRUCTION



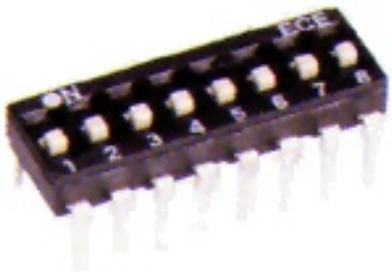
OPTIONS

1.Special marking and case color available upon request.

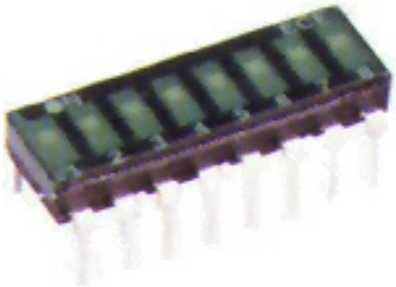
2.Two kinds of pitch available.

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

3.Extended Actuator



4.Tape Sealed



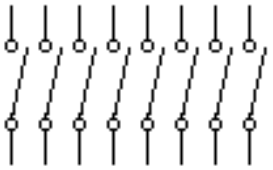
DIMENSIONS AND CIRCUITRY

DIMENSION A

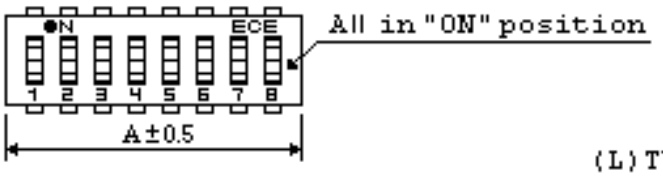
Positions	1	2	3	4	5	6	7	8	9	10	12
A	2.5 (0.098)	5.04 (0.198)	7.58 (0.298)	10.12 (0.398)	12.66 (0.498)	15.20 (0.598)	17.74 (0.698)	20.28 (0.798)	22.82 (0.898)	25.36 (1.998)	30.43 (1.198)

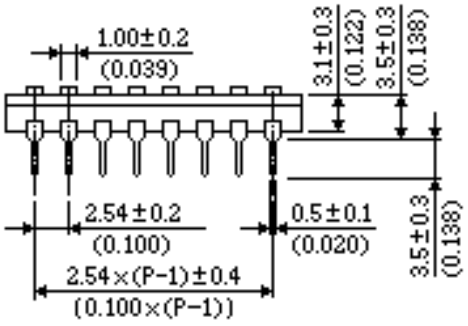
Unit:mm(inch)

CIRCUIT DIAGRAM

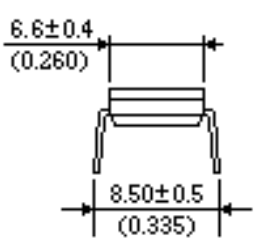


NOTE: 1 pole switches have the "ON" printing.
NOTE: 2-12 pole switches have the "●N" printing.
NOTE: 1 & 2 & 3 pole switches do not have the ECE mark.





(L) TYPE



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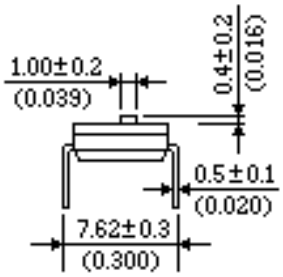

P.C.B. LAYOUT
(TOP VIEW)