

**EAM SERIES**  
END-STACKABLE TYPE  


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PATENT NO.:47618  
41536  
4856189(U.S.A.)



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

### 2. MECHANICAL

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

## PART NUMBERING SYSTEM

EAM 1 08 L

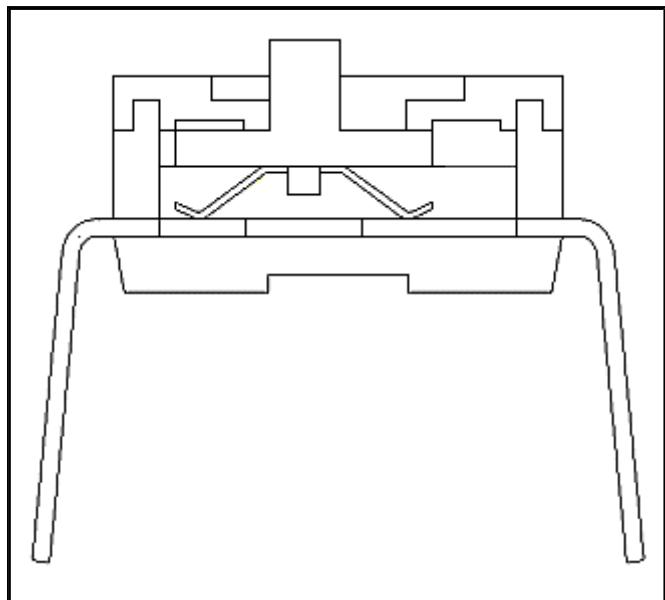
+--- Actuator, Sealing and Rows Spacing Options:  
L:Low Profile Actuator  
and Rows Spacing 8.50 mm (Standard)  
L01:Low Profile Actuator  
and Rows Spacing 7.62 mm  
E:Extended Actuator  
and Rows Spacing 7.62 mm (Standard)  
E01:Extended Actuator  
and Rows Spacing 8.50 mm  
LT:Top Tape Sealed & Low Profile Actuator  
and Rows Spacing 8.50 mm  
LT01:Top Tape Sealed & Low Profile Actuator  
and Rows Spacing 7.62 mm

+---- Number of Positions: 1,2,3,4,5,6,7,8,9,10,12

+----- Contact form: SPST

+----- Series name: EAM:End-Stackable Type

## CONSTRUCTION



## OPTIONS

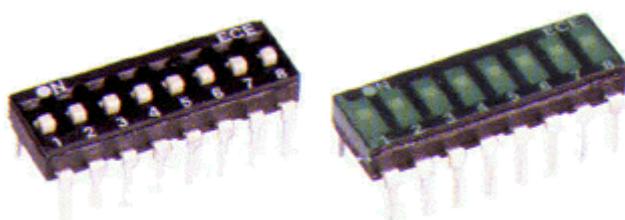
1.Special marking and case color available upon request.

3.Extended Actuator

4.Tape Sealed

2.Two kinds of pitch available.

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



### 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 (0.998)	30.43 (1.198)

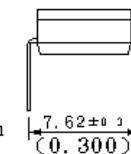
Unit:mm(inch)

NOTE:1pole switches have the "ON" printing.

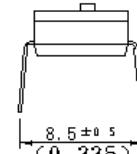
NOTE:2-12pole switches have the "●N" printing.

NOTE:1,2 & 3 pole switches don't have the "ECE" Mark.

(L)TYPE

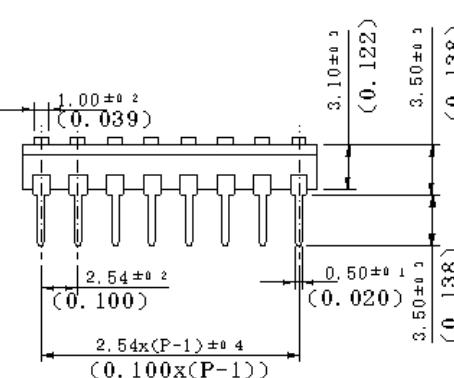
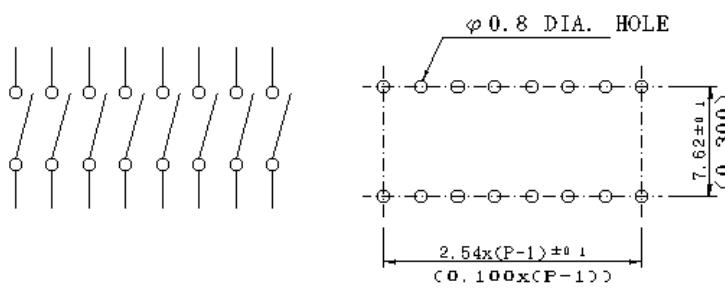


(E)TYPE

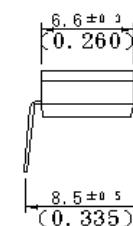


P. C. B LAY OUT  
(TOP VIEW)

### CIRCUIT DIAGRAM



(L)TYPE



(E)TYPE

