

EAM SERIES
END-STACKABLE TYPE



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 m Ω Max.
after life test	100 m Ω Max.
Insulation resistance	1,000 M Ω 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 $^{\circ}$ C to +70 $^{\circ}$ C
storage	-40 $^{\circ}$ C to +85 $^{\circ}$ C
Operation force	800g Max.
Mechanical life	2000 operations
Humidity	95%RH, 40 $^{\circ}$ C for 96 Hrs.
Vibration	Per MIL-STD-202F, method 204D
Solderability	after flux 230 \pm 5 $^{\circ}$ C for 5 \pm 0.5 seconds, 95% coverage
Resistance to soldering Heat	260 \pm 5 $^{\circ}$ C for 5 \pm 1 seconds

PART NUMBERING SYSTEM

EAM 1 08 L

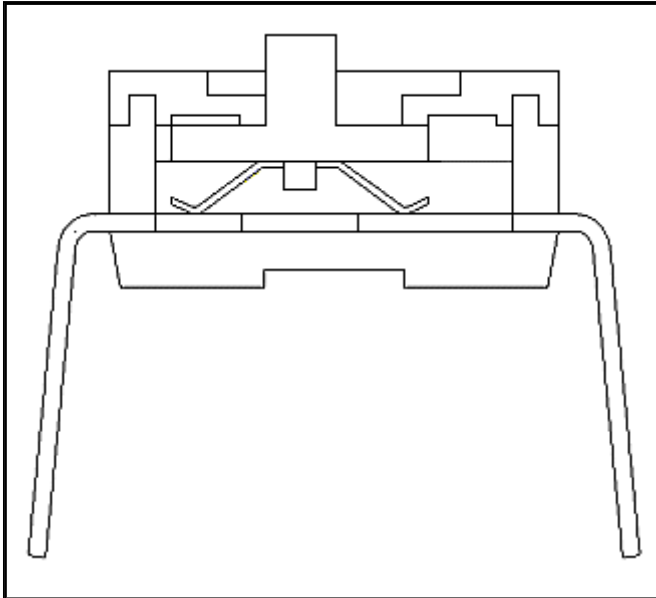
+--- Actuator, Sealing and Rows Spacing Options:
 L:Low Profile Actuator
 and Rows Spacing 8.50 mm (Standard)
 L01:Low Profile Actuator
 and Rows Spacing 7.62 mm
 E:Extended Actuator
 and Rows Spacing 7.62 mm (Standard)
 E01:Extended Actuator
 and Rows Spacing 8.50 mm
 LT:Top Tape Sealed & Low Profile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

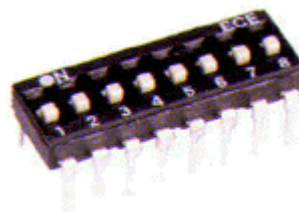


OPTIONS

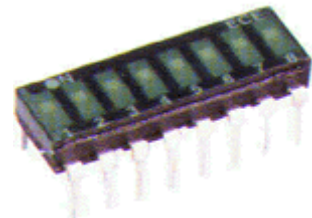
- 1.Special marking and case color available upon request.
- 2.Two kinds of pitch available.

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

3.Extended Actuator



4.Tape Sealed

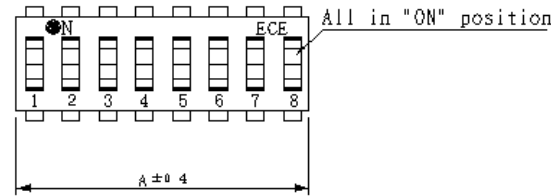


Dimension A

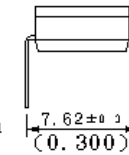
Positions	1	2	3	4	5	6	7	8	9	10	12
A	2.5 (0.098)	5.04 (0.198)	7.58 (0.298)	10.12 (0.398)	12.66 (0.498)	15.20 (0.598)	17.74 (0.698)	20.28 (0.798)	22.82 (0.898)	25.36 (0.998)	30.43 (1.198)

Unit:mm(inch)

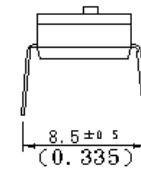
NOTE:1pole switches have the "ON" printing.
 NOTE:2-12pole switches have the "●N" printing.
 NOTE:1,2 &3 pole switches don't have the "ECE" Mark.



(L)TYPE

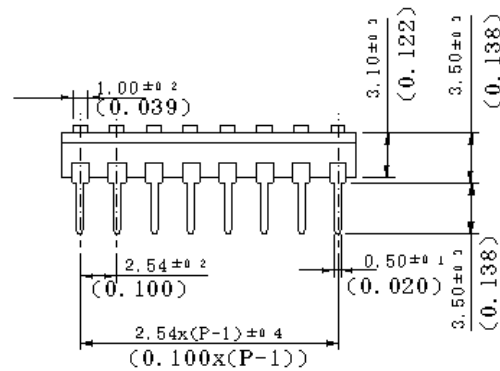
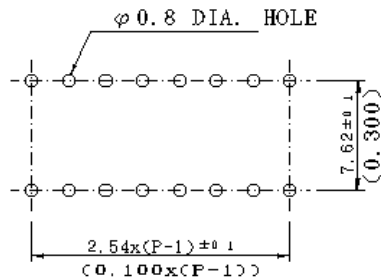
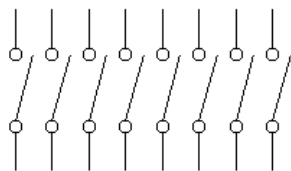


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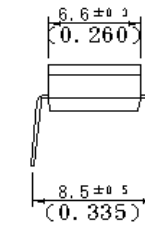


P. C. B LAY OUT
(TOP VIEW)

CIRCUIT DIAGRAM



(L)TYPE



(E)TYPE

