Industriestr. 8 8618 Oetwil a/S. Tel: +41 43 844 94 00 Fax: +41 43 844 94 01
http://www.ehag.ch E-Mail: info@ehag.ch

ELECTRONIC HARDWARE AG

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 terminals to prevent contamination during soldering.

SPECIFICATIONS

1. ELECTRICAL

Contact rating	
Switching	25mA, 24VDC
Non-switching	100mA, 50VDC
Contact resistance	
Initial	50m ohm Max.
After life test	100m ohm Max.
Insulation Resistance 100VDC	1000M ohn Min. at
Dielectric strength seconds	500VDC Min. for 60

Capacitance between adjacent switches 5pF Max.

2. MECHANICAL AND ENVIRONMENTAL

Temperature rating	
Operating	-25°C to +70°C
Storage	-40°C to +85°C
Operating 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 sec.

PART NUMBERING SYSTEM

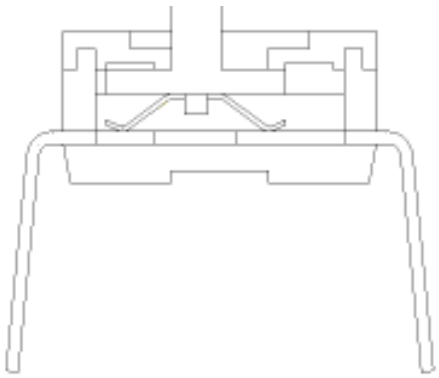
EAM 1 08 L

Actuator, Sealing and Rows Spacing Options:
L : Low Profile Actuator and Rows Spacing 8.50 mm (Standard)
L01: Low Profile Actuator and Rows Spacing 8.50 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



CONSTRUCITON

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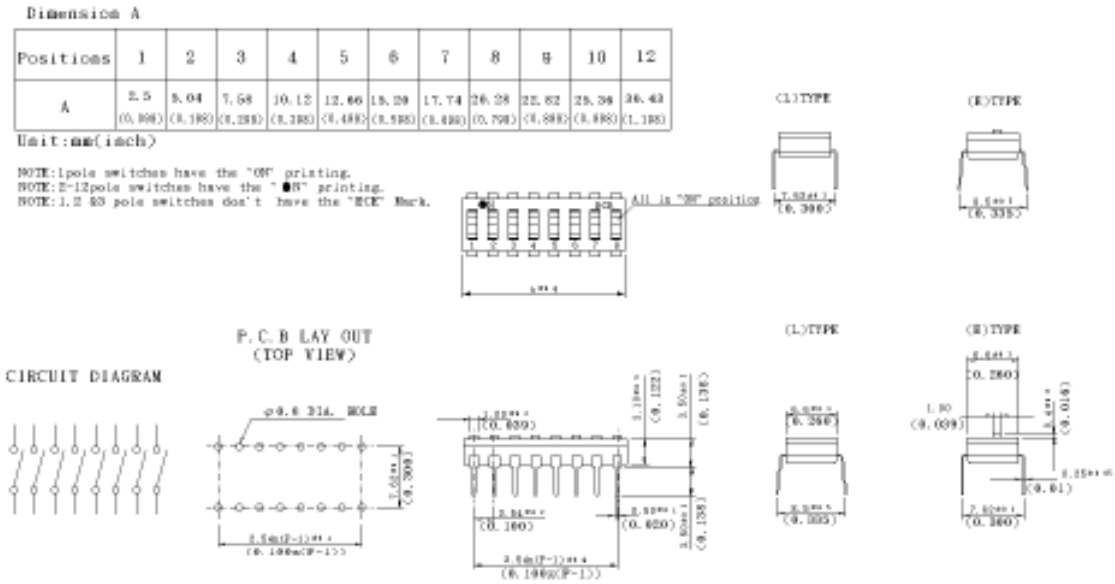
DIMENSIONS AND CIRCUITRY



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