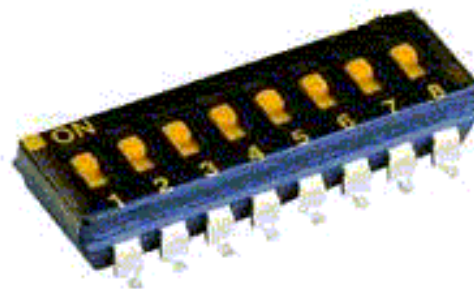


EAD SERIES

AUTO INSERTING SMT TYPE

PATENT NO.:59876476184856189(U.S.A.)66207

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.
- Gold plated contact to ensure low contact resistance and Tin plated terminals 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	1000 M Ω Min. at 100 VDC
Dielectric strength	500 VDC Min. for 60 seconds
Capacitance between adjacent switches 5 pF Max.	

2 .MECHANICAL

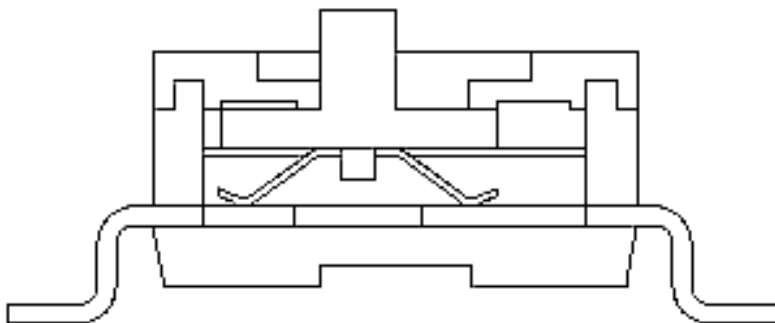
Temperature rating	
operating	-25°C to +70°C
storage	-40°C to +85°C
Operation force	800g Max.
Mechanical life	2000 operations
Humidity	95%RH, 40°C for 96 Hrs.
Vibration	Per MIL-STD-202F, method 204D
Solderability	after flux 230±5°C for 5±0.5 seconds, 95% coverage
Resistance to soldering Heat	260±5°C for 5±1 seconds
Reflow soldering heat for SMT type (reference only)	refolw zone 230±5°C for 30 seconds

PART NUMBERING SYSTEM

EAD 1 08 L

| | | |
| | | |
| | | | +--- Actuator, Sealing and Rows Spacing Options:
| | | | L:Low Profile Actuator
| | | | E:Extended Actuator
| | | | LT:Top Tape Sealed & Low Profile Actuator
| | | | LC:Tape & Reel Package, product without
| | | | Top Tape sealed
| | | | LD:Tape & Reel Package, product with
| | | | Top Tape sealed
| | | | +--- Number of Positions: 2,3,4,5,6,7,8,10,12
| | | | +--- Contact form: SPST
| | | | +--- Series name: EAD:Surface mounting Type

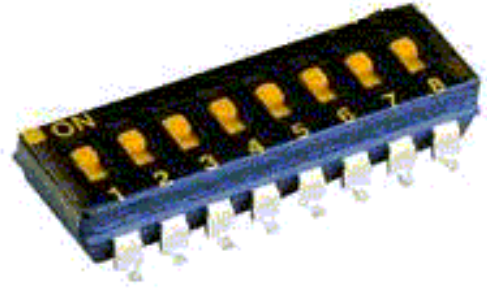
CONSTRUCTION



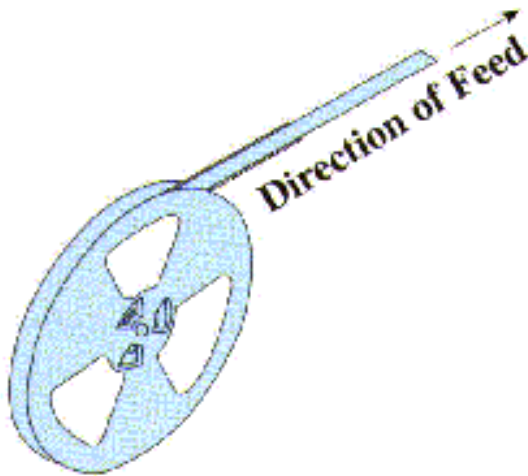
OPTIONS

- 1.Special marking and case color available
- 2.Extended Actuator

3.Top Tape Sealed

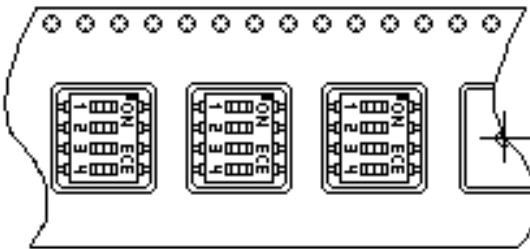


4.Tape & Reel Packaging (per EIA STANDARD)



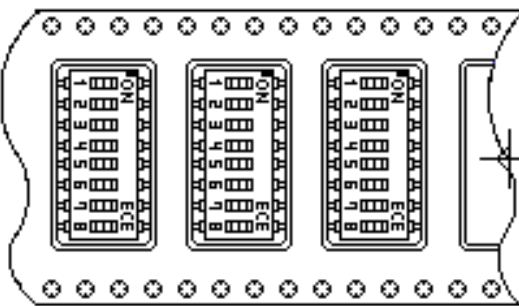
For 3P-6P

→ Direction of feed



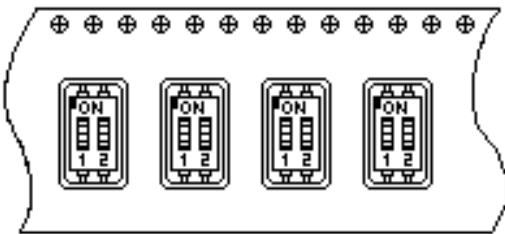
For 7P-12P

→ Direction of feed



For 2P

→ Direction of feed



Pole	No. of pcs per reel
2P	1300
3P	1000
4P	1000
5P	1000
6P	1000
7P	1000
8P	1000
10P	1000
12P	1000

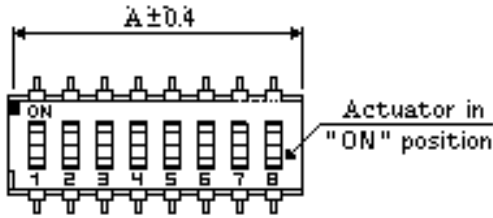
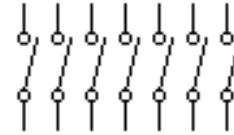
DIMENSIONS AND CIRCUITRY (UNIT: mm)

DIMENSION A

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)

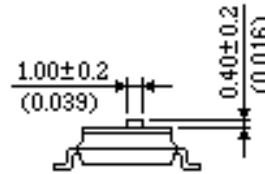
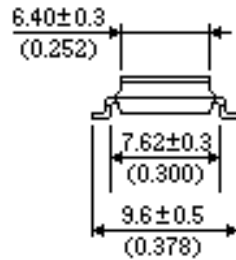
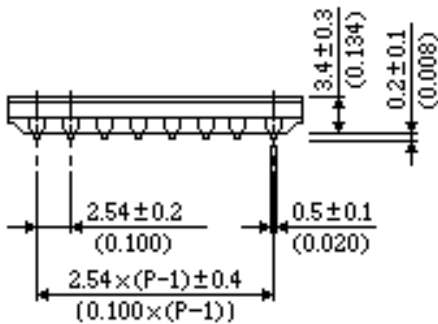
Unit:mm(inch)

CIRCUIT DIAGRAM



(L) TYPE

(E) TYPE



P.C.B. LAYOUT (TOP VIEW)

