

DAG 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.

APPLICATIONS

- Numerical setting for computer terminal equipment
- Price setting for vending machines
- Programming for game machines
- Programming for industrial equipment and measuring instruments

SPECIFICATIONS

1 ELECTRICAL

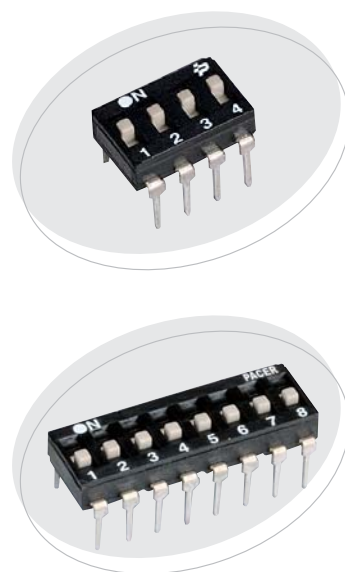
- Contact rating
 - Switching 25 mA, 24 VDC
 - Non-switching 100 mA
- Contact resistance
 - Initial 50 mΩ Max.
 - After life test 100 mΩ Max.
- Insulation resistance 1000 MΩ Min. at 100 VDC
- Dielectric strength 500 VDC Min. for 60 seconds
- Capacitance between adjacent switches 5pF Max.

2 MECHANICAL and ENVIRONMENTAL

- 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

DAG	—	1	08	L	T	3	*
(1)		(2)	(3)	(4)	(5)	(6)	(7)
(1) Series name DAG: End-stackable type		(2) Contact form 1: SPST	(3) Number of positions 01,02,03,04,05,06, 07,08,09,10,12	(4) Actuator E: Extended actuator L: Low profile actuator	(5) Sealing Blank: Without top tape sealed T: With top tape sealed (For low profile actuator only)	(6) Rows spacing Blank: Rows spacing 8.5mm 3: Rows spacing 7.62 mm	(7) Options Blank: Standard F: RoHS compliance



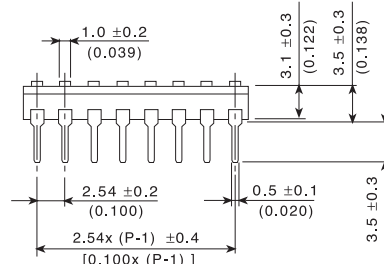
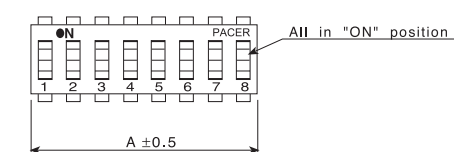
DAG SERIES

DIMENSIONS Unit:mm(inch)

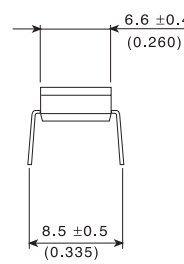
DIMENSION A

Positions	01	02	03	04	05	06	07	08	09	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)

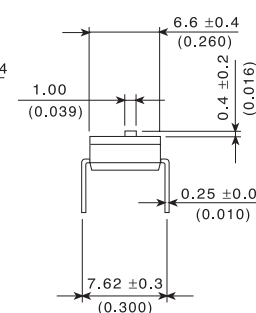
NOTE:1 pole switches have the "ON"printing
NOTE:2-12 pole switches have the "●N" printing



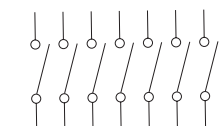
(L) TYPE



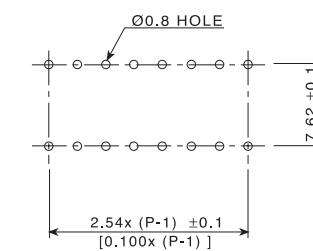
(E) TYPE



CIRCUIT DIAGRAM



P.C.B. LAYOUT (TOP VIEW)



PACKAGING Unit:Tube

Packaging	Positions No. of pcs. per unit	01	02	03	04	05	06	07	08	09	10	12
		Tube packaging	Without top tape sealed	100	100	68	51	40	34	29	26	22
	With top tape sealed	100	100	68	51	40	34	29	26	22	20	17

OPTIONS

ACTUATOR

Low profile actuator

Extended actuator

ROWS SPACING

8.5mm

7.62mm

Actuator	Rows spacing	
	Suggestion	Option
L	8.5mm	7.62mm
E	7.62mm	8.5mm