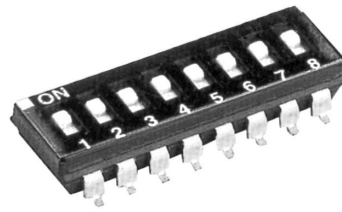


DAD SERIES

SLIDE AUTO INSERTING "SMT" TYPE



◆ Features

- Same size with IC, can be assembled by any automatic IC inserter.
- Molded .300" 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.
- Gold plated contact to ensure low contact resistance and tin plated terminals to prevent contamination during soldering (**tin/gold**).

◆ Specifications

1. ELECTRICAL

- 1-1 Contact rating
- | | |
|---------------|----------------|
| switching | : 25mA, 24 VDC |
| non-switching | : 100mA |
- 1-2 Contact resistance
- | | |
|-----------------|--------------|
| initial | : 50mΩ Max. |
| after life test | : 100mΩ Max. |
- 1-3 Insulation resistance : 1000MΩ. Min. at 100 VDC.
- 1-4 Dielectric strength : 500 VDC Min. for 1 min.
- 1-5 Capacitance between adjacent switches : 5pF Max.

2. MECHANICAL and ENVIRONMENTAL

- 2-1 Temperature rating
- | | |
|-----------|------------------|
| Operating | : -25°C to +70°C |
| Storage | : -40°C to +85°C |
- 2-2 Operation force : 800g Max.
- 2-3 Mechanical life : 2000 operations
- 2-4 Humidity : 95% RH, 40°C for 96 Hrs.
- 2-5 Vibration : Per MIL-STD-202F, method 204D
- 2-6 Solderability : 95% coverage after 230°C +/- 5 for 5 sec.
- 2-7 Soldering temperature
- | | |
|-----------------------------|---|
| through hole wave soldering | : 260°C max. for 5 seconds. |
| SMT reflow soldering | : 210°C for 20 seconds, 230°C peak for 3 sec. |

◆ Applications

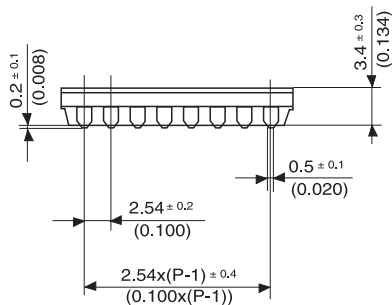
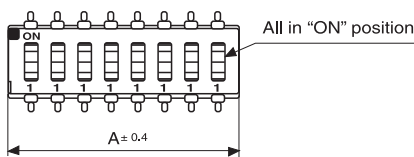
- Numerical setting for computer terminal equipment.
- Price setting for vending machines.
- Programming for game machines
- Programming for industrial equipment and measuring instruments.

◆ Dimensions and circuitry

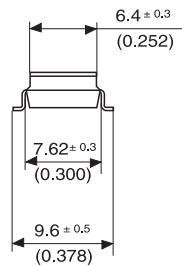
DIMENSION A

Position	2	3	4	5	6	7	8	10	12
A	6.88 (0.271)	9.42 (0.371)	11.96 (0.471)	14.5 (0.571)	17.04 (0.671)	19.58 (0.771)	22.12 (0.871)	27.20 (1.071)	32.28 (1.271)

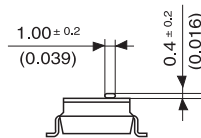
Unit: mm (inch)



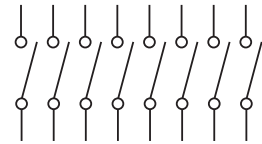
(L) Type



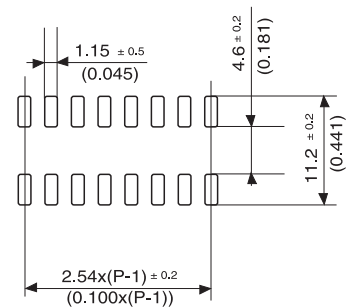
(E) Type



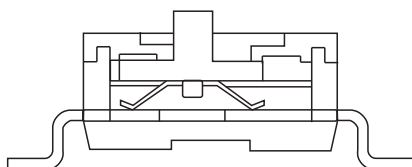
◆ Circuit diagram



◆ P.C.B Layout (TOP VIEW)

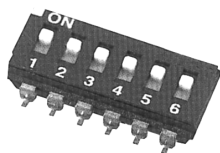


◆ Construction

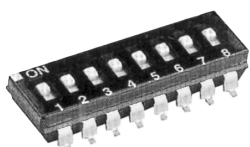


◆ Options

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



3. Top tape sealed.



◆ Part Numbering System

DAD - 1 08 - L Z

