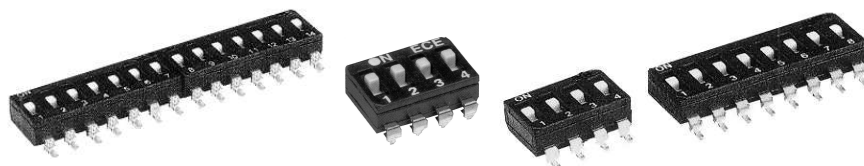


DSD/DSL SERIES

SLIDE END STACKABLE "SMT" TYPE



◆ Features

- End stackable for standard 0.100" integrated circuit pitch.
- Molded 0.300" 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 materials are UL 94V-0 grade fire retardant plastics.
- Twin contact designed to ensure stable contact.
- Gold plated contact to ensure low contact resistance and tin plated terminal to prevent contamination during soldering (**tin/gold**).

◆ Specifications

1. ELECTRICAL

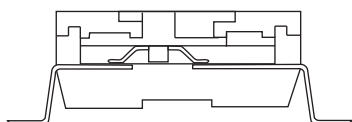
- 1-1 Contact Rating
- switching : 25 mA, 24 VDC
 - non-switching : 100 mA
- 1-2 Contact Resistance
- initial : 50 mΩ max.
 - after life test : 100 mΩ max.
- 1-3 Insulation Resistance : 1000 MΩ min. at 100 VDC
- 1-4 Dielectric Strength : 500 VDC for 1 min.
- 1-5 Capacitance between adjacent switches : 5pF max.

2. MECHANICAL and ENVIRONMENTAL

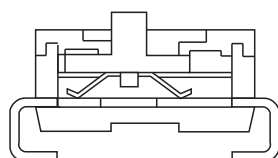
- 2-1 Temperature rating
- operating : -25°C to +70°C
 - storage : -40°C to +85°C
- 2-2 Operating force : 800 g max.
- 2-3 Mechanical life : 2000 operations
- 2-4 Humidity : 95% RH, 40°C for 96 hours
- 2-5 Vibration : Per MIL-STD-202F, method 204D
- 2-6 Solderability : 95% coverage after 230°C +/- 5 for 5 sec.
- 2-7 Soldering temperature : 210°C for 20 sec., 230°C peak for 3 sec.

◆ Construction

DSD

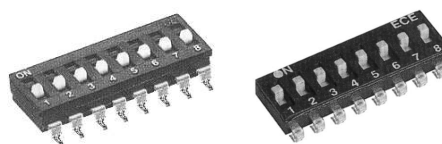


DSL



◆ Options

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



3. Tape sealed



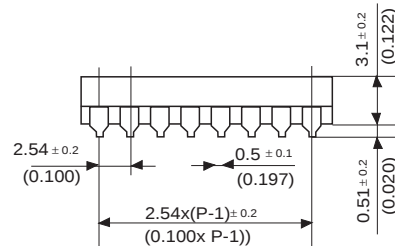
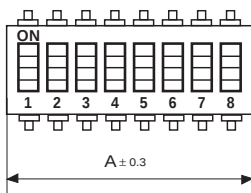
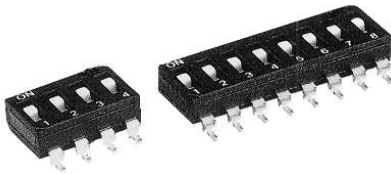
◆ Dimensions and circuitry

DIMENSION A

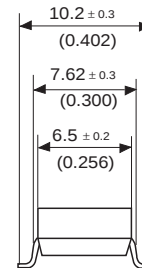
Position	1	2	3	4	5	6	7	8	9	10	12
A	2.5 (0.098)	5.04 (0.198)	7.58 (0.298)	10.12 (0.398)	12.66 (0.498)	15.20 (0.598)	17.74 (0.698)	20.28 (0.798)	22.82 (0.898)	25.36 (0.998)	30.43 (1.198)

Unit: mm (inch)

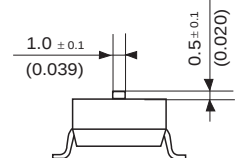
DSD



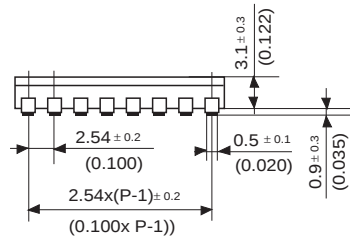
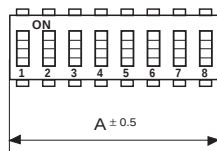
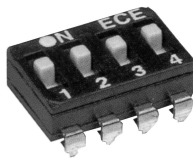
(L) TYPE



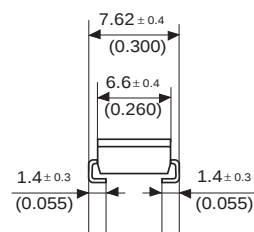
(E) TYPE



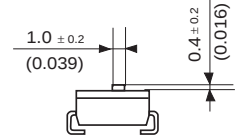
DSL



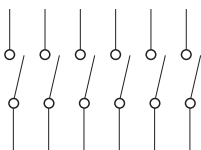
(L) TYPE



(E) TYPE



◆ Circuit diagram



◆ Part Numbering System

DSD - 1 08 - L X

Plating : Blank = Standard
Z = Leadfree

Actuator and Sealing:

- L = Low profile Actuator
- E = Extended Actuator
- LT = Top Tape Sealed and Low profile Actuator
- LC = Tape & Reel package without Tape Sealed
- LD = Tape & Reel package with Tape Sealed

Number of positions: 01,02,03,04,05,06,07,08,09,10,12

Contact Form : 1 = SPST

Series: DSD : Gullwing type

DSL : J-leg type

◆ P.C.B Pattern

