

DHS SERIES

SLIDE HALF PITCH "SMT" TYPE



◆ Features

- End stackable for standard 0.050" integrated circuit pitch.
- 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.
- Gold plated contact to ensure low contact resistance and gold plated solder area (**gold/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 : 300 VAC for 1 min.
- 1-5 Capacitance between adjacent switches : 5pF max.

2. MECHANICAL and ENVIRONMENTAL

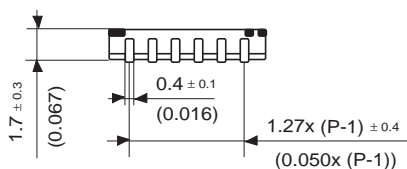
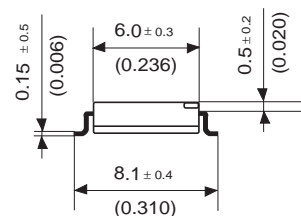
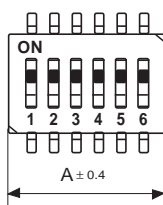
- 2-1 Temperature rating
- operating : -25°C to +70°C
 - storage : -40°C to +85°C
- 2-2 Operating force : 800 g max.
- 2-3 Mechanical life : 1000 operations
- 2-4 Humidity : 95% RH, 40°C for 96 hours
- 2-5 Vibration : 10 Hz – 50 Hz – 10 Hz for 6 hours
- 2-6 Solderability : 95% coverage after 230°C +/- 5 for 5 sec.
- 2-7 Soldering temperature : 210°C for 20 sec., 230°C peak for 3 sec.

◆ Dimensions and circuitry

DIMENSION A

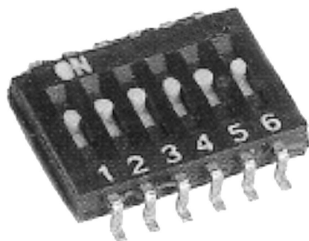
Position	2	4	6	8	10	12
A	3.70 (0.146)	6.20 (0.244)	8.75 (0.344)	11.30 (0.445)	13.80 (0.543)	16.35 (0.644)

Unit: mm (inch)

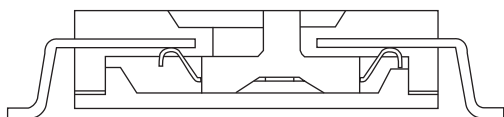


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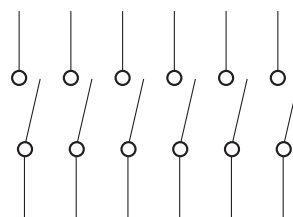
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◆ Construction



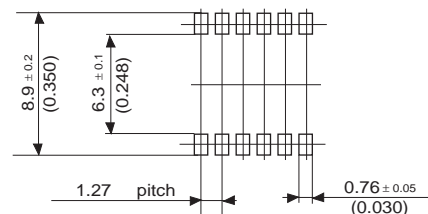
◆ Circuit diagram



◆ Options

- Special marking and case color available
- Tape & Reel Package
- Extended Actuator
- Tape sealed

◆ P.C.B Pattern (Top view)



◆ Part Numbering System

DHS - 1 08 - L

- Actuator and Sealing :
- L : Low profile Actuator
 - E : Extended Actuator
 - LT : Top Tape Sealed and Low profile Actuator
 - LC : Tape & Reel Package with out Top Tape Sealed
 - LD : Tape & Reel Package with Top Tape Sealed

Number of Positions : 02 , 04 , 06 , 08 , 10 , 12

Contact Form : 1 = SPST

Series