

DHG SERIES

FEATURES

AUTO INSERTING TYPE

- 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.

APPLICATIONS

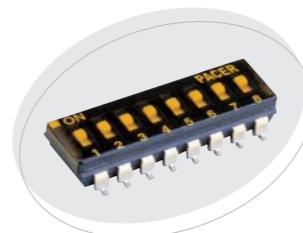
- Numerical setting for computer terminal equipment
- Price setting for vending machines
- Programming for game machines
- Programming for industrial equipment and measuring instruments

SPECIFICATIONS

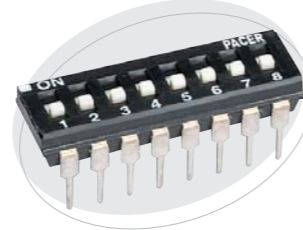
1 ELECTRICAL

- 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.

DHG-M TYPE



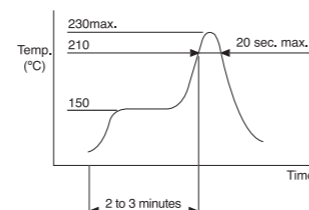
DHG-A TYPE



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 for through hole type After flux 230±5 °C for 5±0.5 seconds, 95% coverage
- Resistance to soldering heat for through hole type 260±5 °C for 5±1 seconds

- Reflow soldering heat for SMT type (reference only)



PART NUMBERING SYSTEM

DHG — 1 08 L M T C *

(1) (2) (3) (4) (5) (6) (7) (8)

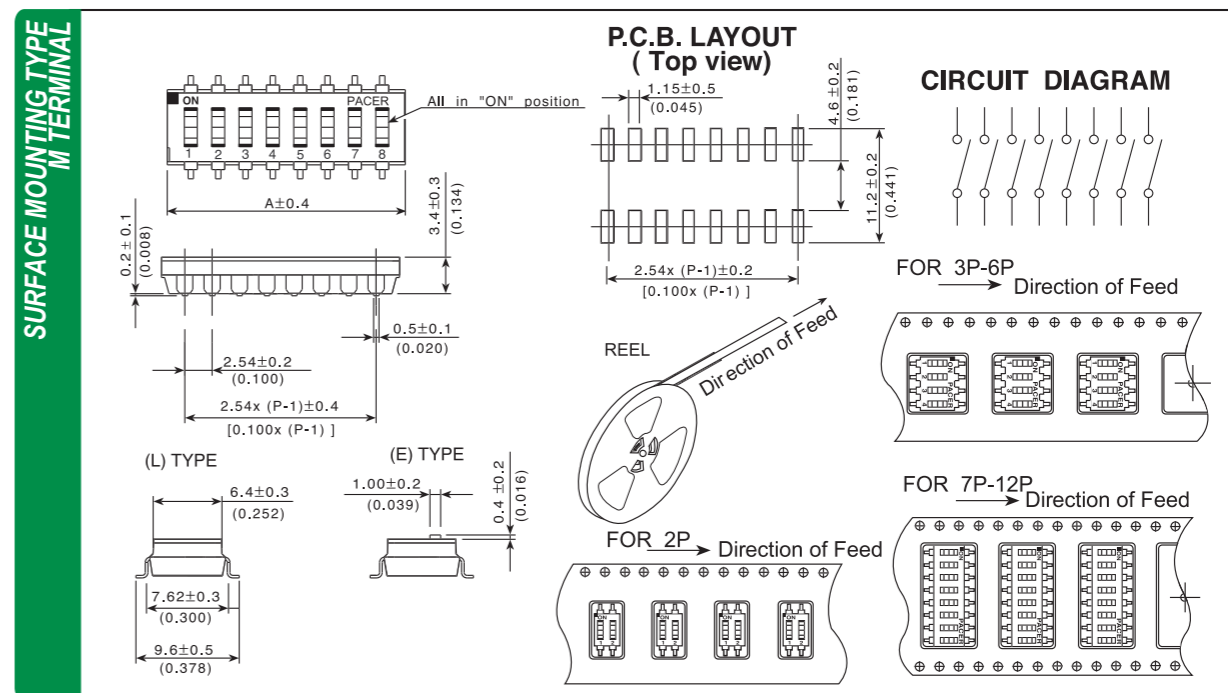
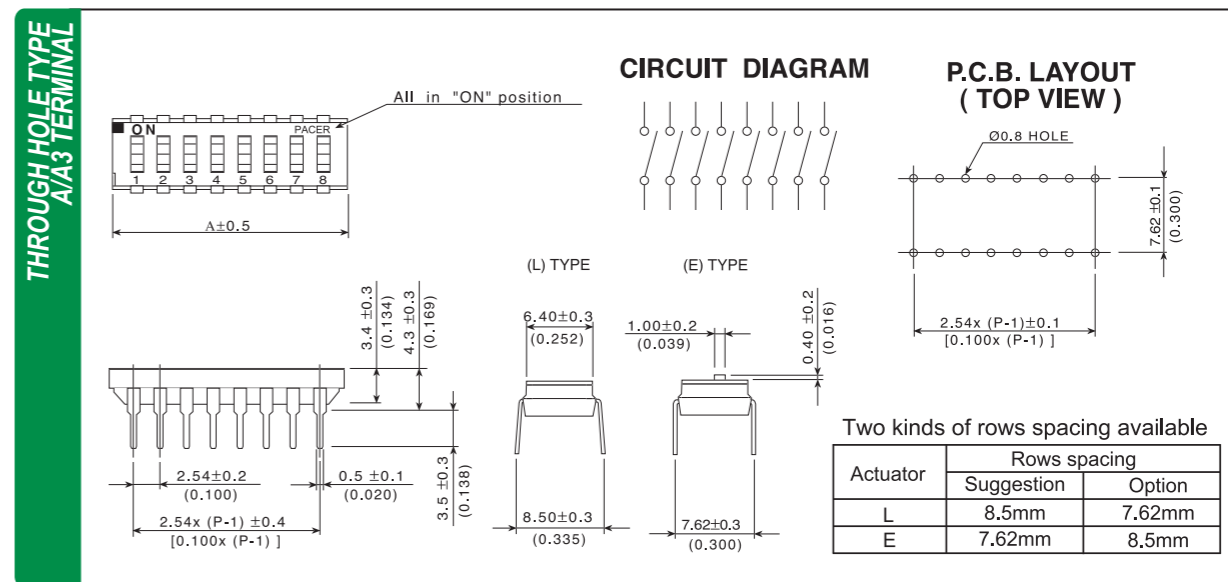
- (1) Series name
DHG: Auto inserting type
- (2) Contact form
1: SPST
- (3) Number of positions
02,03,04,05,06,07,08,10,12
- (4) Actuator
E: Extended actuator
L: Low profile actuator
- (5) Terminal
A: Through hole type with rows spacing 8.5mm
A3: Through hole type with rows spacing 7.62mm
M: SMT type
- (6) Sealing
Blank: Without top tape sealed
T: With top tape sealed
(For low profile actuator only)
- (7) Packaging
Blank: Tube packaging
C: Tape & reel packaging
(For SMT type only)
- (8) Options
Blank: Standard
F: RoHS compliance

DHG SERIES

DIMENSIONS Unit:mm(inch)

DIMENSION A

Positions	02	03	04	05	06	07	08	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)



PACKAGING Unit:Tube/Reel

Packaging	Positions		02	03	04	05	06	07	08	10	12
	No. of pcs. per unit										
Tube packaging	Without top tape sealed		72	56	42	36	30	27	23	19	16
	With top tape sealed		72	56	42	36	30	27	23	19	16
Reel packaging			1,300	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000