

DMG/DLG SERIES

END-STACKABLE SMT 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

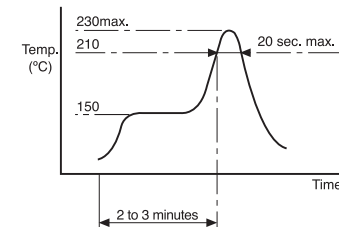
1 ELECTRICAL

• 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.

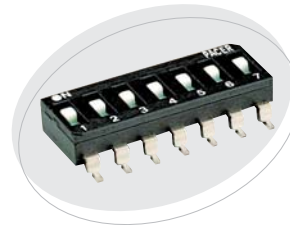
2 MECHANICAL and ENVIRONMENTAL

• Temperature rating	
Operating	-25 °C to +70 °C
Storage	-40 °C to +85 °C
• Operation force	800g Max.
• Mechanical life	2,000 Operations
• Humidity	95% RH, 40 °C for 96 Hrs.
• Vibration	Per MIL-STD-202F, method 204D

- Reflow soldering heat for SMT type (reference only)



DMG



DLG



PART NUMBERING SYSTEM

DMG	—	1	08	E	*	*	*
(1)		(2)	(3)	(4)	(5)	(6)	(7)

- | | |
|--|---|
| (1) Series name
DMG: Surface mounting gull wing type
DLG: Surface mounting T-bend type | (5) Sealing
Blank: without top tape sealed
T: With top tape sealed
(For low profile actuator only) |
| (2) Contact form
1:SPST | (6) Packaging
Blank: Tube packaging
C: Tape & reel packaging |
| (3) Number of positions
01,02,03,04,05,06,07,08,09,10,12
(DLG series: 01 pole switch is unavailable) | (7) Options
Blank: Standard
F: RoHS compliance |
| (4) Actuator
E: Extended actuator
L: Low profile actuator | |

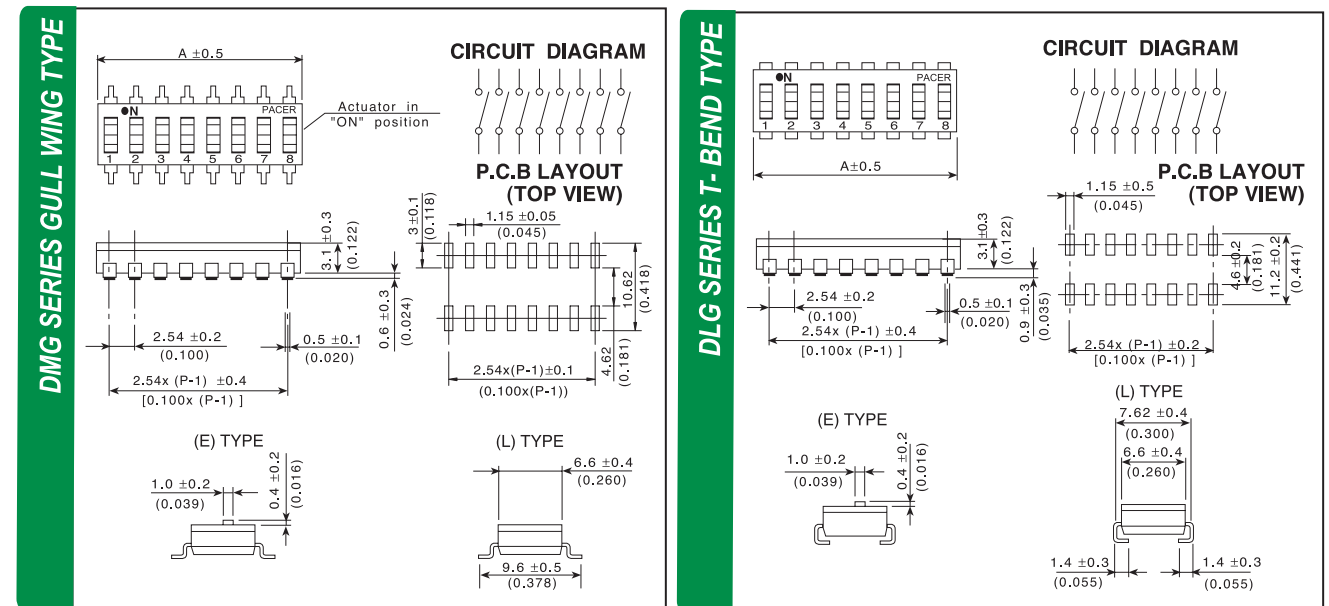
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DIMENSIONS Unit:mm(inch)

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)

※ DLG series: 01 pole switch is unavailable.



PACKAGING Unit:Tube/Reel

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
Reel packaging		2,000	1,300	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000

