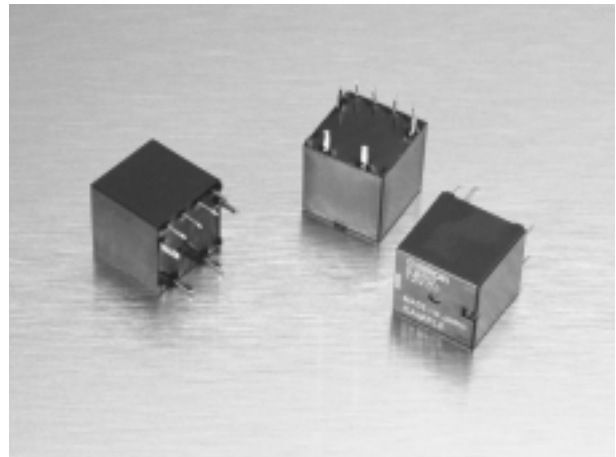


Ultra-Miniature twin Automotive PCB Relay

- Compact size
- High performance twin PCB relay
- 'H' Bridge contact configuration
- 25A Motor lock load
- Fully sealed construction
- Fully automated assembly



Available Types

	Type
G8ND-2	Standard
G8ND-2S	High Sensitivity

Contact Data

Max Switching Current	30A
Rated Current	25A Motor lock
Max Switching Voltage	16V
Contact Material	Silver tin alloy (Cadmium Free)

Coil Ratings

Type	Coil Resistance	Pull in Voltage
G8ND-2	225 OHM	<7.2V
G8ND-2S	180 OHM	<6.5V

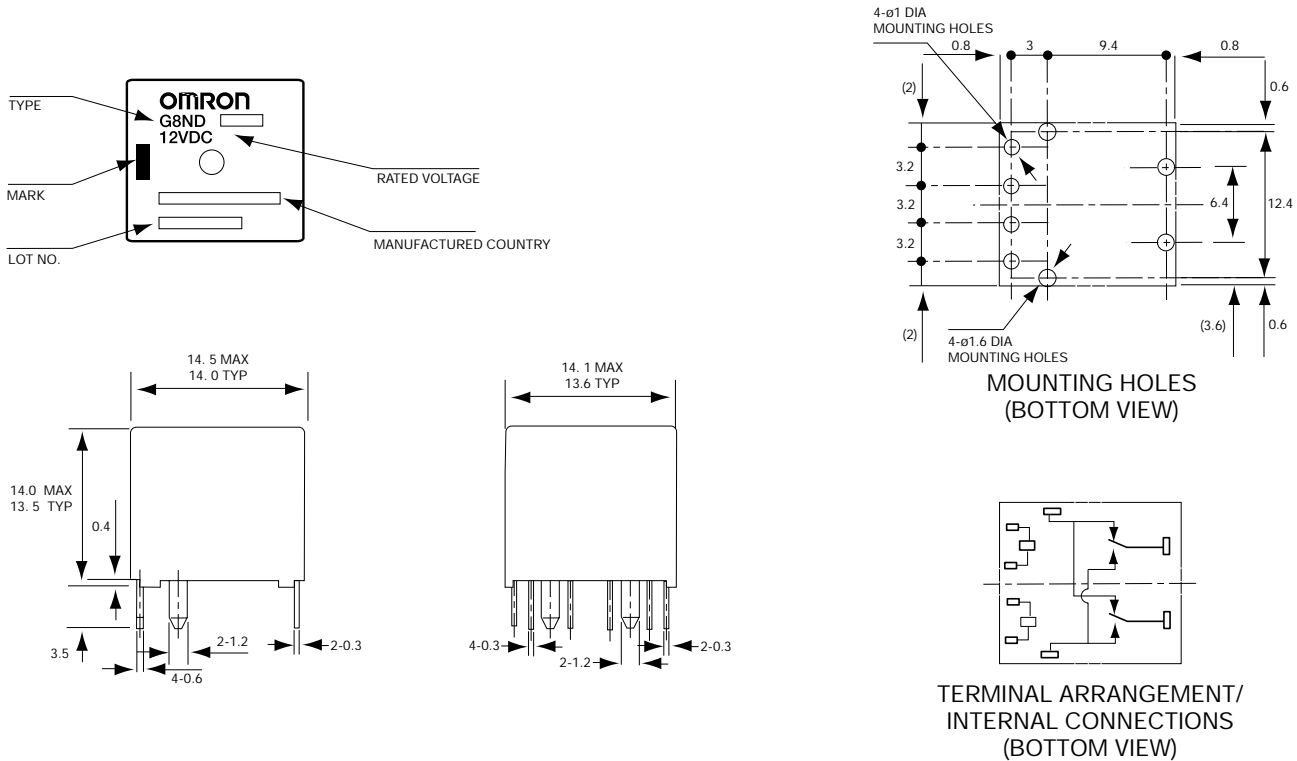
Specifications

Temperature Range	-40 to +85°C
Mechanical Life	1,000,000 Operations
Electrical Life	100,000 Operations
Weight	7.5g

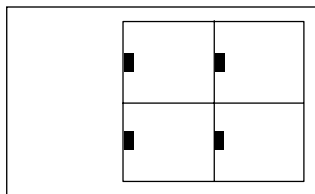
Application Examples

- Power windows
- Seat adjustment
- Power door lock
- Sunroof controls

Dimensions



- Omron PCB relays may be mounted in any convenient location that is dry and not exposed to excessive dust, SO_2 , H_2S or organic gases.
- Omron PCB relays may be oriented in any desired direction. Whenever possible, however, care should be taken that they are not subjected to vibration along the direction of contact movement.
- If several relays are mounted on a single PCB the relays can be mounted directly next to each other in any orientation.



Cat. No. K907-E2-01 In the interest of product improvement, specifications are subject to change without notice.

OMRON

LEADERS IN ELECTRONIC COMPONENTS

OMRON Electronic Ltd.

1, Apsley Way,
Staples Corner,
London NW2 7HF
Phone:(0181) 450 4646 Fax:(0181) 450 8087