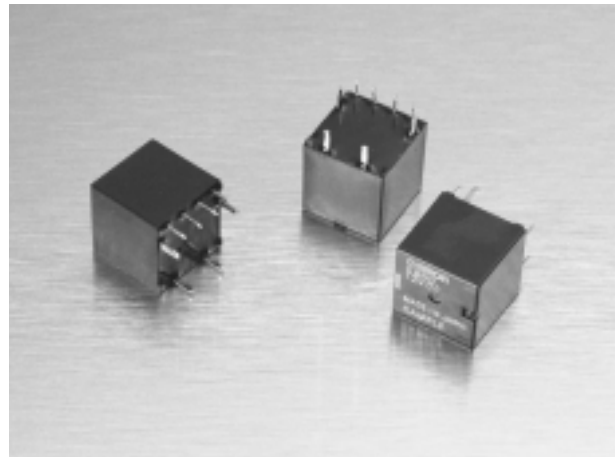


### Ultra-Miniature twin Automotive PCB Relay

- 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

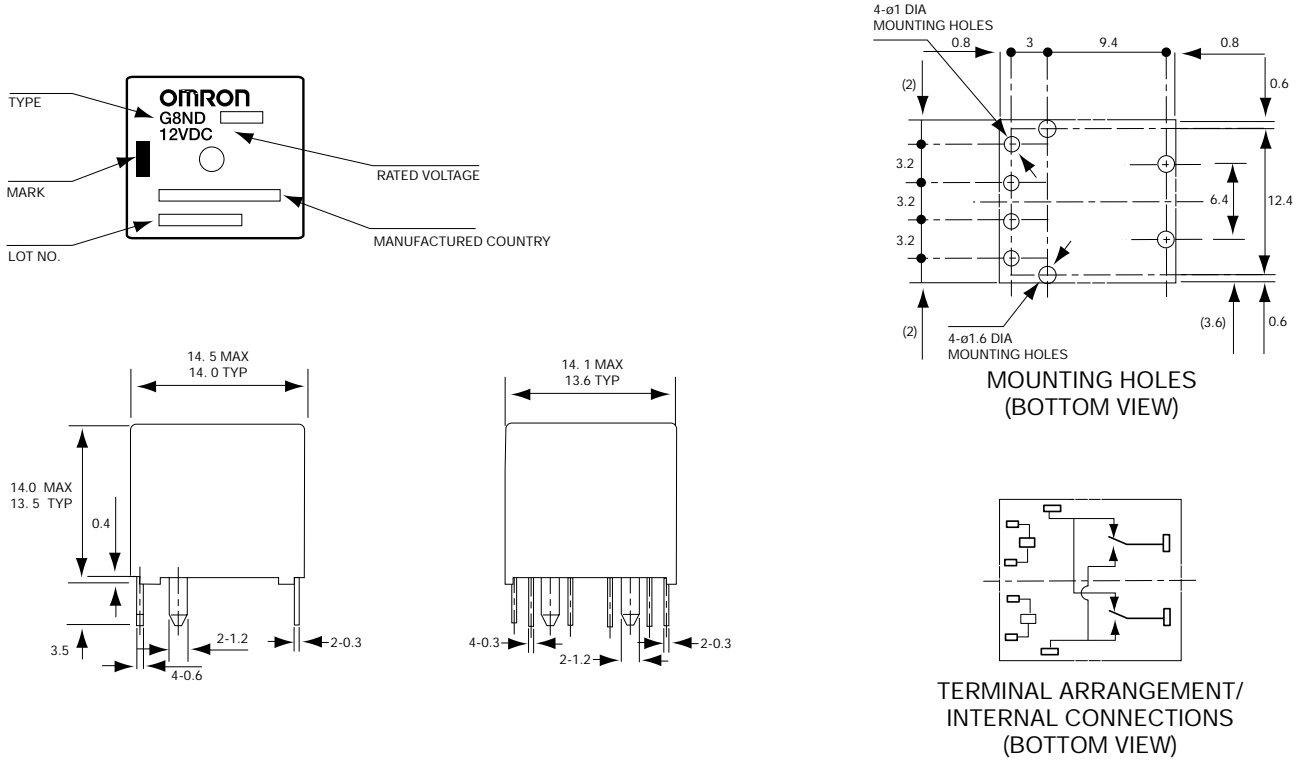
### Specifications

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

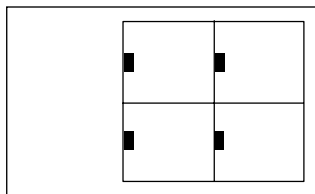
# Application Examples

- 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<sub>2</sub>, H<sub>2</sub>S 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. C-G8ND-001 In the interest of product improvement, specifications are subject to change without notice.



LEADERS IN ELECTRONIC COMPONENTS

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