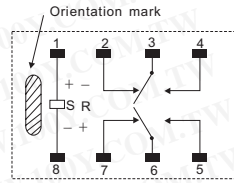
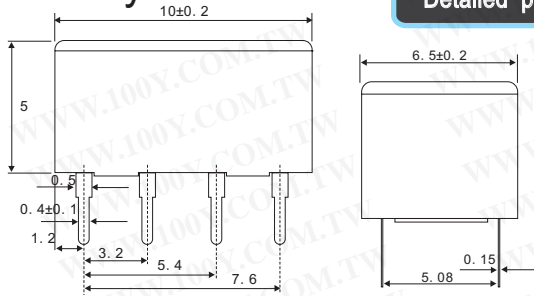
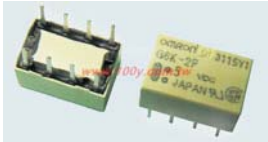




Relays & Solenoids

OMRON_PCB Relays

Detailed product specifications are available on: us.100y.com.tw



Terminal arrangement/
Internal connections
(Bottom view)



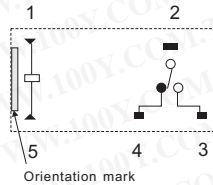
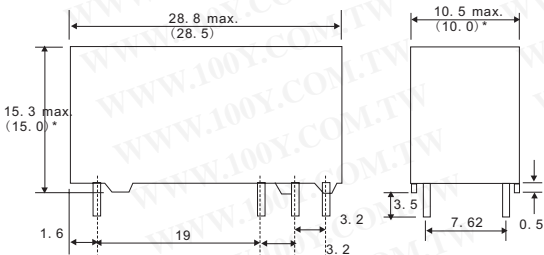
Part No.	Product No.	Manufacturer	Description	Contact Arrangement	Coil Voltage
37947	G6KU-2P-Y-DC5V	OMRON	OMRON_PCB Relay	DPDT	5V



- Incorporates environment-friendly, cadmium-free contacts.
- Variety of contact forms: SPDT or SPST-NO (continuous current rating: 8 A)
- Mechanical and electrical characteristics comply with VDE0435.
- Satisfies VDE0700 requirements with a dielectric strength of 4 kV at a distance of 8 mm.
- Satisfies C/250 insulation requirements of VDE0110.
- Tracking resistance: CTI>250
- Conforms to class II, part 1 of VDE0106.

CHARACTERISTICS

- Operate time : Approx. 6 ms
- Release time : Approx. 3 ms
- Max. operating frequency : Mechanical:36,000 operations/hr
Electrical:360 operations/hr (under rated load)
- Insulation resistance : 1,000 MW min. (at 500 VDC)
- Shock resistance : Destruction: 1,000 m/s²
- Vibration resistance : Malfunction:NO: 10 to 55 to 10 Hz, 0.75-mm single amplitude
(1.5-mm double amplitude)
NC: 10 to 55 to 10 Hz, 0.4-mm single amplitude (0.8-mm double amplitude)
- Endurance : Mechanical:10,000,000 operations min.
Electrical:Approx. 100,000 operations
- Ambient temperature : Operating: -40°C to 85°C (with no icing)
- Ambient humidity : Operating: 5% to 85%
- Weight : Approx. 9 g



Terminal arrangement/
Internal connections
(Bottom view)



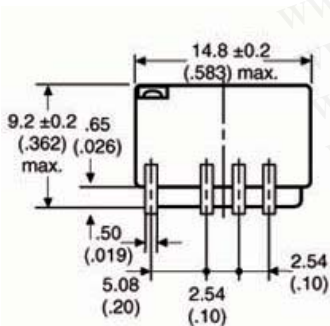
Part No.	Product No.	Manufacturer	Description	Outline L*W*H	Contact Arrangement	Contact Rating	Coil Voltage	Recognized Safety	Type
27612	G6RN-1-DC24V	OMRON	OMRON_PCB Relay	28.5*15*10	SPDT	8A/250Vac 5A/30Vdc	DC24V	UL,CSA	G6RN-1



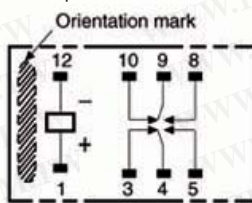
- Third generation surface mount design.
- Design is based on worldwide telecommunications, data communications, computer peripheral and office automation relay requirements.
- High dielectric withstand voltage of 2,000 VAC between coil and contacts (standard type).
- Meets FCC Part 68 and Telcordia 2.5 kV surge withstand re-quirements.
- European version certified for EN60950/EN41003 Supplementary Insulation at 250 V at Pollution Degree 2.
- Available in PCB through-hole and SMT terminal configuration.
- Tape and reel or tube packaging.

CHARACTERISTICS

- Contact resistance (initial) : 75 mΩ max.
- Operate (set) time : 4 ms max. (mean value approx. 2.5 ms
G6S; 2.0 ms G6SU, G6SK)
- Release (reset) time : 4 ms max. (mean value approx. 1.5 ms
G6S; 2.0 ms G6SU, G6SK)
- Bounce time : Approx. 0.5 ms
- Insulation resistance : 1,000 MΩ min. (at 500 VDC)
- Vibration : Mechanical durability: 10 to 55 Hz; 5 mm (0.20 in) double amplitude
Malfunction durability: 10 to 55 Hz; 3.3 mm (0.13 in) double amplitude
- Shock : Mechanical durability: 1,000 m/s²; approx. 100 G
Malfunction durability: 750 m/s²; approx. 75 G



Terminal arrangement/
Internal connections
(Top view)



Ambient temperature: -40 to +85°C (-40°F to +185°F)
Humidity: 10% to 85% RH

Service life: Mechanical: 100,000,000 operations min. (at 36,000 operations/hour)
Electrical: See "Characteristic Data"

Weight: Approx. 2g (0.07 oz)



Part No.	Product No.	Manufacturer	Description	Outline L*W*H	Contact Arrangement	Contact Rating	Coil Voltage	Recognized Safety	Type
28885	G6S-2F-DC5	OMRON	OMRON_PCB Relay	14.8*7.3*9.2mm	DPDT	0.5A/125VAC,2A/30VDC	5VDC	UL,CSA	G6S-2F



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