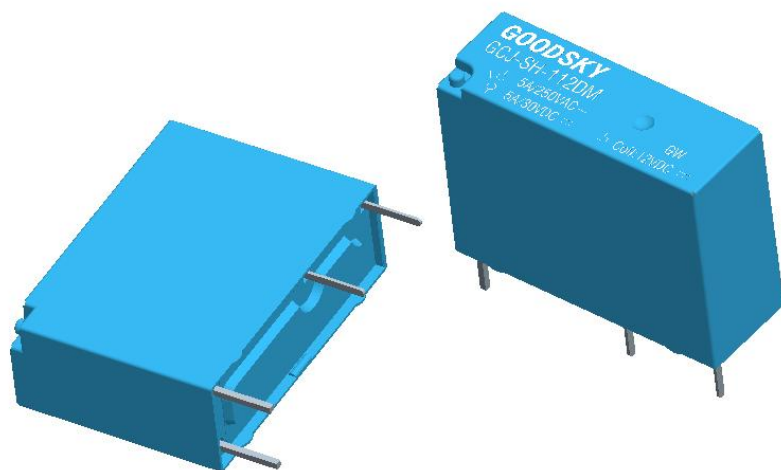




Main Feature

1. Slim size(20.4 x 7.0 x 15.0mm).
2. Only 7mm wide
3. Sensitive coil 200mW
4. 5A 250VAC suitable for PLC and heating element controls
5. 8mm insulation/clearance.
6. RoHS compliant (Directive 2002/95/EC) as per product date code 0424

Contact Rating

Load Type	GCJ (DM)
Rated Load (Resistive)	5A 250VAC 5A 30VDC
Rated Carrying Current	5A
Max. Allowable Voltage	AC 400V DC 30V
Max. Allowable Current	5A
Max. Allowable Power Force	150W
Contact Material	Ag Alloy
Contact Form	SPST

Application

Home Appliance.

Performance (at Initial Value)

- Contact Resistance 100mΩ Max.@1A,6VDC
- Operate Time..... 10mSec. Max.
- Release Time 4mSec. Max.
- Dielectric Strength:
Between Coil & Contact.....4,000VAC at 50/60Hz
for one minute
Between Contacts 750VAC at 50/60Hz
for one minute
- Surge Resistance 7,000V (between coil &
Contact 1.2/50 μ Sec.)
- Insulation Resistance 1,000MΩ Min. at
500VDC.
- Max. On/Off Switching:
Electrical..... 20 Cycles per Minute.
Mechanical 300 Cycles per Minute.
- Temperature Range..... -30~85°C

- Humidity Range 20~85%RH.
- Temperature Range..... 45°C Max
- Vibration :
Endurance 10 to 55 Hz dual
amplitude width 1.5mm
Error Operation..... 10 to 55 Hz dual
amplitude width 1.5mm
- Shock:
Endurance..... 1,000 m/S²
Error Operation 100 m/S²
- Life Expectancy :
Mechanical 5x10⁷ Operations at No
Load condition.
- Electrical 10⁵ Operations at Rated
Resistive Load.
- Contact Material Ag Alloy.
- Weight About 4 g.

Safety Standard & Its File Number

- NIL.

Coil Specification (at 20 °C)

Coil Sensitivity	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance ($\Omega \pm 10\%$)	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Maximum Allowable Voltage (VDC)
GCJ	3	66.7	45	Abt. 0.2	75% Maximum	5% Minimum	130%
	5	40	125				
	6	33.3	180				
	9	22.5	405				
	12	16.7	720				
	18	11.1	1620				
	24	8.6	2880				

Ordering Information

GCJ - SH - 1 12 D M N

Contact Material:

Contact Form:

Coil Type:

Coil Voltage:

Number of Pole:

Type of Sealing:

Nil: AgNi 10%

N: AgSnO2

S: AgSnO2 Gilded

M: One Form A

D: Standard DC Coil

03: 3V, 05: 5V, 05: 5V, 06: 6V, 09: 9V, 12: 12V, 18: 18V, 24: 24V

1: One Pole

Nil: RT 0 Unclosed Relays

SS: RT II Flux Proofed Relays

SH: RT III Wash Tight Relays

GCJ

Type:

Classification

Model	GCJ
Terminal Size	Standard DC Coil
Contact Form	1A
Flow Solder Type	GCJ-SS-1□□DM
Plastic Seaded Type	GCJ-SH-1□□DM

Dimension($\leq 5\text{mm} \pm 0.2\text{mm}$, $> 5\text{mm} \pm 0.3\text{mm}$, the tolerance of PCB thru hole: $+0.1\text{mm}$)

GCJ-SS/SH-DM

