



G6B

20.5*7.2*15.3mm

FEATURES

- ◆ Small size, light weight
- ◆ High switching current.
- ◆ Low coil power consumption: 0.36W, 0.2W
- ◆ Fit for home appliance, automatic control system, electronic equipment and remote control system

CONTACT DATA

| | |
|-------------------------|-----------------------|
| Contact Form | 1A |
| Contact Material | AgSnO ₂ |
| Contact Load Capacity | NO: 7A 250VAC |
| Switching Power Max. | 1750VA |
| Switching Voltage Max. | 250VAC |
| Contact Resistance Max. | 50mΩ (1A) |
| Electrical Endurance | 5*10 ⁴ ops |
| Mechanical Endurance | 2*10 ⁷ ops |

Note: Electrical test at room temperature, Resistive load, 1s on 9s off.

COIL DATA

at 23°C

| Rated Coil Voltage (VDC) | Rated Coil Voltage Max. (VDC) | Coil Resistance (1±10%)Ω | Pick up (≤VDC) | Drop out (≥VDC) | Coil Power (W) | Operate Time (ms) | Release Time (ms) |
|--------------------------|-------------------------------|--------------------------|----------------|-----------------|----------------|-------------------|-------------------|
| 5 | 6.5 | 125 | 3.75 | 0.5 | 0.2 | ≤10 | ≤5 |
| 9 | 11.7 | 405 | 6.75 | 0.9 | | | |
| 12 | 15.6 | 720 | 9 | 1.2 | | | |
| 24 | 31.2 | 2880 | 18 | 2.4 | | | |
| 5 | 6.5 | 70 | 3.75 | 0.5 | 0.36 | | |
| 9 | 11.7 | 225 | 6.75 | 0.9 | | | |
| 12 | 15.6 | 400 | 9 | 1.2 | | | |
| 24 | 31.2 | 1600 | 18 | 2.4 | | | |

CHARACTERISTICS

| | | | |
|-----------------------|-----------------------|---|--|
| Insulation Resistance | | 1000MΩ(500VDC) | |
| Dielectric Strength | Between open contacts | 50Hz 750V | |
| | Between coil&contacts | 50Hz 4000V | |
| Shock Resistance | | Stability:100m/s ² 11ms; Intensity:1000100m/s ² 6ms | |
| Vibration Resistance | | 10Hz to 55Hz DA 1.5mm | |
| Terminal intensity | | 5N | |
| Solderability | | 260°C ± 5°C 5 ± 0.5s | |
| Ambient Temperature | | - 40°C to 85°C | |
| Relative Humidity | | 45% ~ 85% RH at 40°C | |
| Termination | | PCB | |
| Unit Weight | | Approx. 4g | |

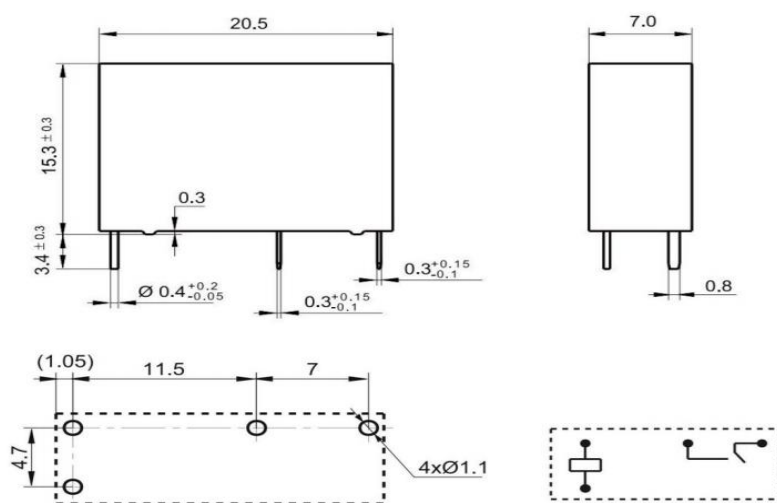
ORDERING INFORMATION

G6B — **12VDC** — **A** — **36**
1 **2** **3** **4**

- 1、 Model: G6B
- 2、 Rated Voltage: 5V, 9V, 12V, 24VDC
- 3、 Contact Form: A:SPST, Normally Open
- 4、 Coil power: 20:0.2W; 36: 0.36W

OUTLINE DIMENSIONS, WIRING DIAGRAM, PCB LAYOUT

Unit:mm

OUTLINE DIMENSIONS


PCB Layout

Wiring Diagram

- Note:(1) In case of no tolerance shown in outline dimension: outline dimension ≤ 1mm, Tolerance ± 0.2mm;
 outline dimension (1 ~ 5)mm, tolerance ± 0.3mm; outline dimension > 5mm, tolerance ± 0.4mm;
 (2) The tolerance without indicating for PCB layout is ± 0.1mm.