



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			≤10	≤5
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	

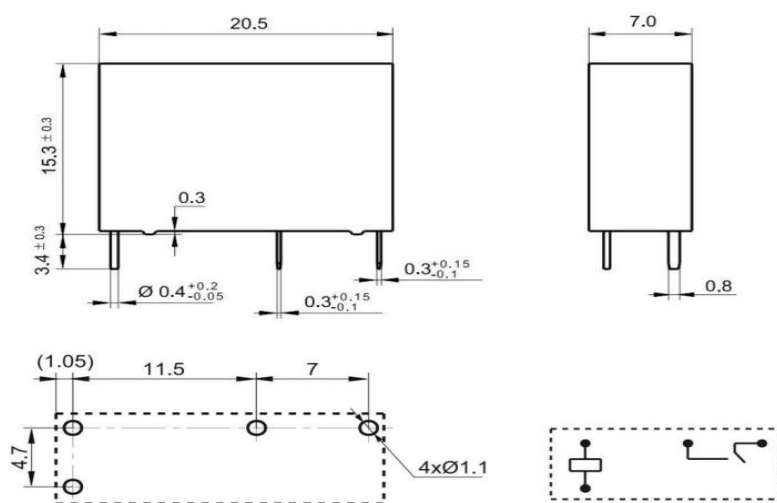
ORDERING INFORMATION

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.