

## OMRON\_PCB继电器

详细产品规格 - 请点击 [cn.100y.com.tw](http://cn.100y.com.tw)

100Y 编号	厂商编号	制造厂商	说明	Outline L*W*H	Contact Arrangement	Contact Rating	Coil Voltage	Recognized Safety	Type
33465	G6B-2114P-US-DV5V	OMRON	Straight PCB Relay	20*10*10mm	SPST-NO+SPST-NC	5A/ 250Vac,5A/30Vdc	DC5V	UL/CSA	G6B-2114P-US
17980	G6B-2214P-US-DC24V	OMRON	Straight PCB Relay	20*10*10mm	DPST-NO	8A/ 250Vac,5A/30Vdc	DC24V	CSA,RL	G6B-2214P-US
37421	G6B-2214P-US-DC5V	OMRON	Straight PCB Relay				DC5V		G6B-2214P-US



- Compact: 20 × 15 × 10 mm (L × W × H).
- Low power consumption: 200 mW.
- Flux protection or fully sealed construction avail-able.
- Unique moving loop armature reduces relay size, magnetic interference, and contact bounce.
- Single- and double-winding latching types also available

### CHARACTERISTICS

触点电阻: 30 mΩ max.  
 动作时间: 10 ms max. (mean value: approx. 5 ms)  
 释放时间: 10 ms max. (mean value: approx. 2 ms; latching types: mean value: approx. 5 ms)

反跳时间: Operate: 5 ms max. Release: 5 ms max.  
 最小被设置/复位信号宽度: Latching type: 20 ms (at 23°C)  
 最大操作频率: Mechanical:18,000 operations/hr

Electrical:1,800 operations/hr (under rated load)

绝缘阻抗: 1,000 MΩ min. (at 500 VDC, at 250 VDC between set coil and reset coil)



冲击承受电压: 6,000 V (1.2 x 50 μs) between coil and contacts (latching types: 4,500 V, 1.2 50 μs)  
 振动电阻: Destruction:10 to 55 to 10 Hz, 0.75-mm single amplitude (1.5-mm double amplitude)  
 Malfunction:10 to 55 to 10 Hz, 0.75-mm single amplitude (1.5-mm double amplitude)

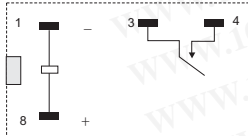
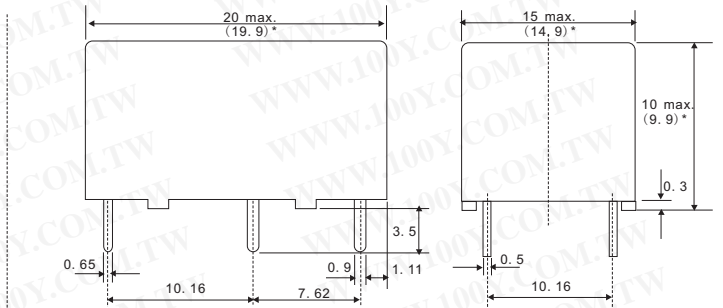
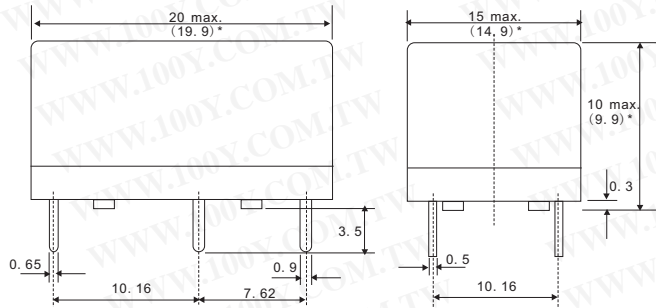
震动电阻: Destruction:1,000 m/s<sup>2</sup>  
 Malfunction:100 m/s<sup>2</sup>

环境温度: Operating: -25°C to 70°C (with no icing)  
 环境湿度: Operating: 5% to 85%

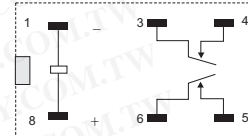
强度: Mechanical:50,000,000 operations min. (at 18,000 operations/hr)

Electrical:100,000 operations min. (at 1,800 operations/hr)

重量: Approx. 5.6 g



**Terminal arrangement/  
Internal connections  
(Bottom view)**  
  
**G6C-1114P-US  
G6C-1117P-US**



**Terminal arrangement/  
Internal connections  
(Bottom view)**  
  
**G6C-2117P-US**

100Y 编号	厂商编号	制造厂商	说明	Outline L*W*H	Contact Arrangement	Contact Rating	Coil Voltage	Recognized Safety	Type
32579	G6C-1114P-US-DC12V	OMRON	Subminiature Moving Loop Power PCB Relay	20*15*10mm(L*W*H)	SPST-NO	10A	DC12V		G6C-1114P-US
33474	G6C-1117P-US-DC12V	OMRON	Subminiature Moving Loop Power PCB Relay	20(L)x15(W)x10(H) mm	SPST-NO	10A/250VAC,10A/30VDC	DC12V	UL/CSA	G6C-1117P-US
17200	G6C-2117P-US-DC12V	OMRON	Subminiature Moving Loop Power PCB Relay	20.07(L)x 14.99(W) x 9.91(H) mm	SPST-NO + SPST-NC	8A/ 250Vac,8A/30Vdc	DC12V	CSA	G6C-2117P-US
42789	G6C-2117P-US-DC24V	OMRON	Subminiature Moving Loop Power PCB Relay	20.07(L)x 14.99(W) x 9.91(H) mm	SPST-NO + SPST-NC	8A/ 250Vac,8A/30Vdc	24VDC	CSA	G6C-2117P-US
36395	G6C-2117P-US-DC5V	OMRON	Subminiature Moving Loop Power PCB Relay	20.07(L)x 14.99(W) x 9.91(H) mm	SPST-NO + SPST-NC	8A/ 250Vac,8A/30Vdc	5VDC	CSA	G6C-2117P-US



### 特点:

触点电阻: 100 mΩ max.  
 动作时间: 10 ms max. (mean value: approx. 4.30 ms)  
 释放时间: 10 ms max. (mean value: approx. 5.50 ms)  
 反跳时间: Operate: Mean value: approx. 1.20 ms  
 操作频率: Mechanical: 18,000 operations/hour  
 Electrical: 1,800 operations/hour (under rated load)  
 绝缘阻抗: 1,000 MΩ min. (at 500 VDC)  
 冲击承受电压: 6,000 V, 1.20 x 50 μs between coil and contacts

震动: Mechanical durability: 1,000 m/s<sup>2</sup> (approx. 100 G)  
 Malfunction durability: 100 m/s<sup>2</sup> (approx. 10 G)

环境温度: Operating: -25° to 70°C (-13° to 158°F)

湿度: 45% to 85% RH

振动: Mechanical durability: 10 to 55 Hz, 1.50 mm (0.06 in) double amplitude for 2 hours  
 Malfunction durability: 10 to 55 Hz, 1.50 mm (0.06 in) double amplitude for 5 minutes

- 被减少的(配电)盘空间为理想高密度架置 (45% smaller than the surface area of G6B)
- 微型包装: measures 6.5 W x 17.5 Lx 12.5 H mm (0.26 x 0.69 x 0.49 in)
- Switches loads up to 5 A, 250 VAC/30 VDC
- 全封闭外壳可自动焊接和清洗
- 产品使用期限: up to 300,000 operations with a 2 A, 250 VAC/30 VDC load
- Rated for D150 pilot duty by UL, CSA
- 任意架置插口简化中转设施和为服务完备设施

预期寿命: Mechanical: 20 million operations min. (at operating frequency of 18,000 operations/hour)  
 Electrical: See "Characteristic Data"

重量: Approx. 3 g (0.10 oz)



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