

继电器+电磁阀

OMRON_PCB继电器

详细产品规格 - 请点击 cn.100y.com.tw



- 密集度和低5毫米外形。
- 低电力消耗(140 兆瓦为唯一边槽栅, 100 到300 兆瓦为锁上型)并且有高敏感性。
- 低热电动力。
- 低磁性干涉使能高密度架置。
- 利用单一和双重绕并且锁上型。

特点:

触点电阻: 50 mΩ max. (G6H-2-U: 100 mΩ max.; G6H-2-F: 60 mΩ max.)

动作时间: 单边槽型: 3 ms max. (mean value: approx. 2 ms)

锁上型: 3 ms max. (mean value: approx. 1.5 ms)

释放时间: 单边槽型: 2 ms max. (mean value: approx. 1 ms)

锁上型: 3 ms max. (mean value: approx. 1.5 ms)

反跳时间: Operate: Approx. 0.5 ms

Release: Approx. 0.5 ms

Set/reset: Approx. 0.5 ms

最小设置/复位信号宽度: Latching type: 5 ms min. (at 23°C)

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绝缘阻抗: 1,000 MΩ min. (at 500 VDC)

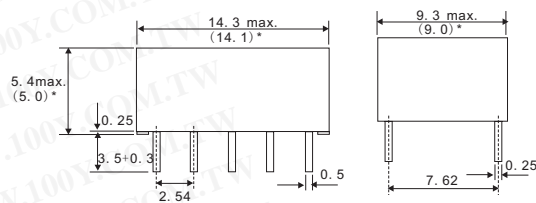
电介质承受电压: 1,000 VAC, 50/60 Hz for 1 min between coil and contacts

1,000 VAC, 50/60 Hz for 1 min between contacts of different polarity

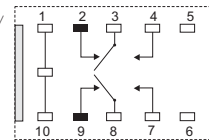
750 VAC, 50/60 Hz for 1 min between contacts of same polarity

冲量承受电压: 1,500 V (10 x 160 μs) between contacts of same polarity

(conforms to FCC Part 68)



Terminal arrangement / Internal connections (Bottom view)



振动抵抗: Destruction: 10 to 55 to 10 Hz, 2.5-mm single amplitude (5-mm double amplitude)

Malfuction: 10 to 55 to 10 Hz, 1.65-mm single amplitude (3-mm double amplitude)

震动抵抗: Destruction: 1,000 m/s²

Malfuction: 500 m/s²

强度: Mechanical: 100,000,000 operations min. (at 36,000 operations/hr)

Electrical: 200,000 operations min. (at 1,800 operations/hr)

环境温度: Operating: -40°C to 70°C (with no icing)

环境湿度: Operating: 5% to 85%

重量: Approx. 1.5 g

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
35757	G6H-2-DC12V	OMRON	PCB 继电器	14.3mm x 9.3mm x 6.6mm	DPDT	0.5 A at 125 VAC, 1 A at 30 VDC	12VDC	UL, CSA	PCB terminal
36545	G6H-2-DC24V	OMRON	PCB 继电器	14.3mm x 9.3mm x 6.6mm	DPDT	0.5 A at 125 VAC, 1 A at 30 VDC	24VDC	UL, CSA	PCB terminal
36540	G6H-2-DC3V	OMRON	PCB 继电器	14.3mm x 9.3mm x 6.6mm	DPDT	0.5 A at 125 VAC, 1 A at 30 VDC	12VDC	UL, CSA	PCB terminal
36542	G6H-2-DC5V	OMRON	PCB 继电器	14.3mm x 9.3mm x 6.6mm	DPDT	0.5 A at 125 VAC, 1 A at 30 VDC	5VDC	UL, CSA	PCB terminal
36543	G6H-2-DC6V	OMRON	PCB 继电器	14.3mm x 9.3mm x 6.6mm	DPDT	0.5 A at 125 VAC, 1 A at 30 VDC	6VDC	UL, CSA	PCB terminal
36544	G6H-2-DC9V	OMRON	PCB 继电器	14.3mm x 9.3mm x 6.6mm	DPDT	0.5 A at 125 VAC, 1 A at 30 VDC	9VDC	UL, CSA	PCB terminal



- 微型5.2 (h) x 6.5 (w) x 10 (l) 毫米为理想高密度架置塑造。
- 5.2 毫米和低侧面仅仅0.7 g 重量组合改进架置效率。
- 利用模型以在L表面装配终端里。
- 消耗大约70% 一个常规OMRON 模型功率和操作100 mW低电流。
- 表面装配终端模型合并一个特殊终端结构以允许终端温度易上嵌入联邦税务局, 如此保证优秀焊接高红外辐射区域效率。
- 保证1,500 VAC 电介质强度和依照 FCC Part 68 (i.e., 承受冲量承受电压 1,500 V for 10 x 160 μs)。
- 新Y 模型提议2,500 V 冲量承受电压为 2 x 10⁻⁶ s (依照响铃核心规格)由优选距离在线和触点之间。
- Conforms to UL1950 (File No. E41515)/CSA C22.2 No. 950 (File No. Lr24825)



特点:

触点电阻 (see note 1): 100 mΩ max.

动作时间 (see note 2): 3 ms max. (approx. 1.2 ms)

释放时间 (see note 2): 3 ms max. (approx. 1.2 ms)

绝缘阻抗 (see note 3): 1,000 MΩ min. (at 50D VDC)

振动抵抗: Destruction: 10 to 55 Hz, 2.5-mm single amplitude (5-mm double amplitude)

and 55 to 500 Hz, 300 m/s² (approx. 30G)

Malfuction: 10 to 55 Hz, 1.65-mm single amplitude (3.3-mm double amplitude)

and 55 to 500 Hz, 200 m/s² (approx. 20G)

震动抵抗: Destruction: 1,000 ms² (approx. 100G)

Malfuction: 750 ms² (approx. 75G)

强度: Mechanical: 50,000,000 operations min. (at 36,000 operations/hour)

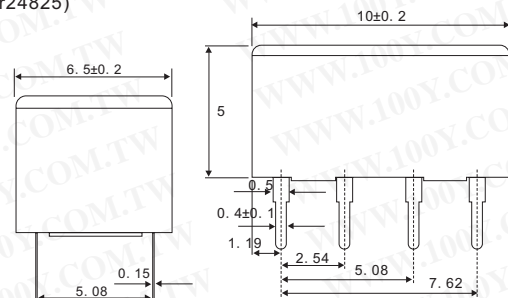
Electrical: 100,000 operations min. (with a rated load at 1,800 operations/hour)

错误率 (P level) (see note 4): 10μA at 10 mVDC

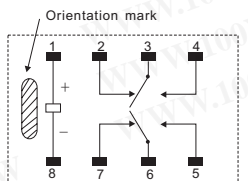
环境温度: Operating: -40°C to 70°C (with no icing or condensation)

环境湿度: Operating: 5% to 85%

重量: Approx. 0.7 g



Terminal arrangement / Internal connections (Bottom view)



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
28300	G6K-2P-DC5V	OMRON	PCB 继电器	10*6.5*5.2mm	DPDT	0.3A/125VAC,1A/30VDC	5VDC	JAPAN,UL,CSA	G6K-2P



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