	特 性 FEATURES	
	5A 触点切换能力	5A Switching Capability
触点与线圈间介质耐压 3KV	3KV Dielectric Strength Between Coil And Contacts	
高灵敏度、线圈功耗 150mW	High sensitive: 120mW	
外形尺寸 20.0×5×12.5mm	Outline Dimensions 20.0×5×12.5mm	

触点参数 CONTACT PARAMETERS

触点形式 Contact Arrangement	1A
触点材料 Contact Material	银合金 Silver Alloy
接触电阻 Contact Resistance(初始 Initial)	≤100mΩ (1A 6VDC)
最大切换电流 Max. Switching Current	5A(阻性 Resistive)
最大切换电压 Max. Switching Voltage	250VAC/30VDC
最大切换功率 Max. Switching Power	1250VA/150W
电气寿命 Electrical Life	1×10 ⁵ 次 (AgNi,3A 250VAC/30VDC, 阻性负载, 85°C, 1s 通 9s 断) 1×10 ⁵ OPS(Resistive load, AgNi, at 85°C, 1s on 9s off) 5×10 ⁴ 次 (AgNi,5A 250VAC/30VDC, 阻性负载, 室温, 1s 通 9s 断) 5×10 ⁴ OPS(Resistive load, AgNi, Room temp, 1s on 9s off)
机械寿命 Mechanical Life	2×10 ⁷ 次 OPS

性能参数 CHARACTERISTICS

绝缘电阻 Insulation Resistance	1000MΩ (at 500VDC)
介质耐压 Dielectric Strength	触点与线圈间 Between Coil & Contacts: 3000VAC 1min
	断开触点间 Between Open Contacts: 1000VAC 1min
动作时间 Operate Time	≤10ms
释放时间 Release Time	≤5ms
环境温度 Ambient Temperature	-40°C ~ +85°C
振动 Vibration Resistance	10Hz~55Hz 1.5mm 双振幅(DA)
冲击 Shock Resistance	稳定性 Functional: 98m/s ² (10G)
	强度 Destructive: 980m/s ² (100G)
引出端方式 Terminal Form	印制板式 PCB
封装形式 Construction	塑封型 Seale, 防焊剂型 Flux Proofed
重量 Unit Weight	约 Approx. 3g



外形尺寸、接线图、安装孔尺寸 OUTLINE DIMENSIONS, WIRING DIAGRAM AND PCB LAYOUT

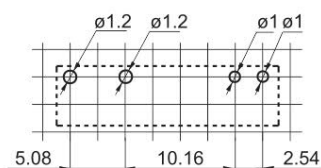
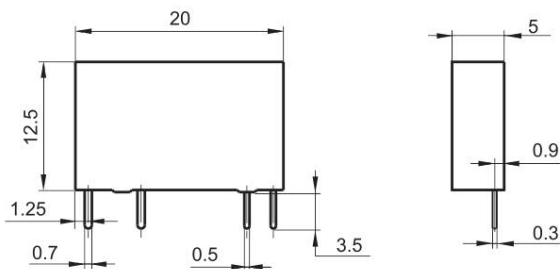
(单位 Unit: mm)

外形尺寸 Outline Dimensions

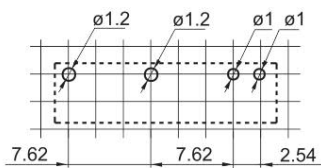
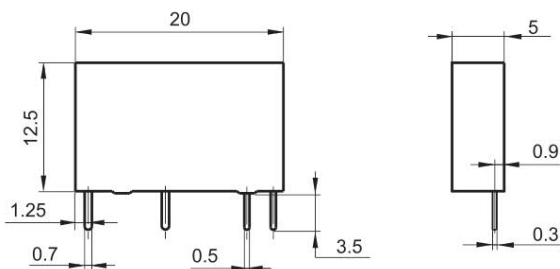
安装孔尺寸 PCB Layout

(底视 Bottom View)

MCD-S-1□□-A-□1

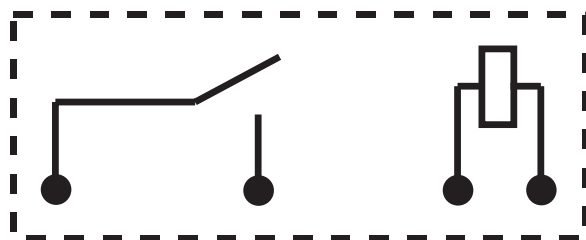


MCD-S-1□□-A-□2



接线图 Wiring Diagram

(底视 Bottom View)





备注: (1) 产品部分外形尺寸未注尺寸公差, 当外形尺寸 $\leq 1\text{mm}$, 公差为 $\pm 0.2\text{mm}$; 当外形尺寸在 $1\sim 5\text{mm}$ 之间时, 公差为 $\pm 0.3\text{mm}$; 当外形尺寸 $> 5\text{mm}$ 时, 公差为 $\pm 0.4\text{mm}$;

(2) 安装孔尺寸中未注尺寸公差的均为 $\pm 0.1\text{mm}$ 。

REMARK:

1) In case of no tolerance shown in outline dimension: outline dimension $\leq 1\text{mm}$, tolerance should be $\pm 0.2\text{mm}$; outline dimension $> 1\text{mm}$ and $\leq 5\text{mm}$, tolerance should be $\pm 0.3\text{mm}$; outline dimension $> 5\text{mm}$, tolerance should be $\pm 0.4\text{mm}$;

2) The tolerance without indicating for PCB layout is always $\pm 0.1\text{mm}$.

声明:

本产品规格书仅供客户使用时参考, 若有更改, 恕不另行通知。(数据取自标准环境温度 20°C 下)

对美硕而言, 不可能评定继电器在每个具体应用领域的所有性能参数要求, 因而客户应该根据具体的使用条件选择与之相匹配的产品, 若有疑问, 请与美硕联系获取更多的技术支持。但产品选型责任仅由客户负责。

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This product specification for client's reference, if any change without notice.

For Meishuo, can not require evaluation of relays in each specific application of all the performance parameters, so customers should be selected according to the matching conditions for the use of specific products, if you have any questions, please contact us and get more technical support. However, product selection responsibility only by the customer.

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