

	特 性 FEATURES 90A 触点切换能力 造用于太阳能光伏储能逆变器 触点间隙 3mm 印制板式引出脚 外形尺寸: 38×33×39.5mm	90A contact switching capability Manufacture for solar photovoltaic energy storage inverters Contact clearance 3mm Printed board type leads out feet Dimensions: 38×33×39.5mm
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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)	≤10mΩ (20A 6VDC)
最大切换电流 Max. Switching Current	90A
最大切换电压 Max. Switching Voltage	400VAC
最大切换功率 Max. Switching Power	25920VA
电气寿命 Electrical Life	3×10 ³ 次 (90A 320VAC, 85°C, 阻性负载, 1秒通 9秒断)
机械寿命 Mechanical Life	1×10 ⁶ 次

性能参数 CHARACTERISTICS

绝缘电阻 Insulation Resistance	1000MΩ (500VDC)
介质耐压 Dielectric Strength	触点与线圈间 Between Coil & Contacts: 5000VAC 1min
	断开触点间 Between Open Contacts: 2000VAC 1min
动作时间 Operate Time	≤30ms
释放时间 Release Time	≤10ms
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
封装形式 Construction	防焊剂式
重量 Unit Weight	约 100g



线圈规格表 COIL DATA(23°C)

额定电压 Rated Voltage VDC	动作电压 Operate Voltage VDC	释放电压 Release Voltage VDC	最大允许电压 Max Allowable Voltage VDC	线圈电阻 Coil Resistance Ω±10%	线圈功耗 Coil Power W
6	≤4.2	≥0.6	6.6	18.8	1.92W
9	≤6.3	≥0.9	9.9	42.2	
12	≤8.4	≥1.2	13.2	75	
24	≤16.8	≥2.4	26.4	300	

安全认证 APPROVALS

安全认证 Approvals	UL	TUV	CQC
证书编号 Certificate Number			CQC22002332031
负载 Rating			90A 320VAC 60A 320VAC 55A 480VAC

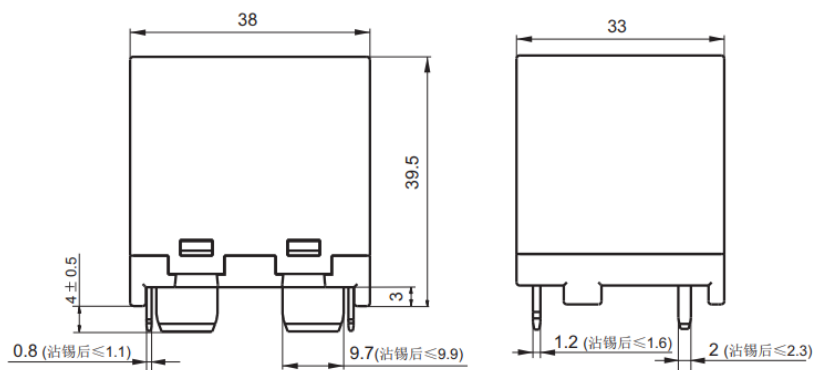
订货标记示例 ORDERING INFORMATION

	ME101	-1	A	-1	-F	12VDC
产品型号	ME101					
触点组数	1: 1组					
触点形式	A: 常开					
触点材质	1: AgSnO ₂ ; 2: AgNi					
绝缘等级	无: 常规 F:F 级					
线圈电压:	9: 9VDC 12: 12VDC 18: 18VDC 24: 24VDC					

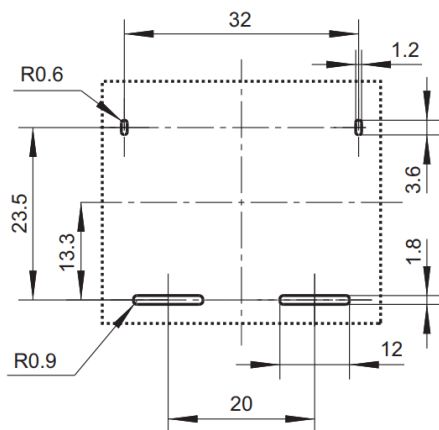


外形尺寸、接线图、安装孔尺寸 OUTLINE DIMENSIONS, WIRING DIAGRAM AND PCB LAYOUT (单位 Unit: mm)

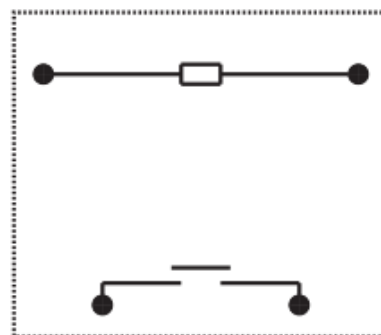
ME101 外形尺寸 Outline Dimensions



ME101 接线图 Wiring Diagram



ME101 安装孔尺寸 PCB Layout



备注: (1) 产品部分外形尺寸未注尺寸公差, 当外形尺寸 ≤ 1mm, 公差为 ±0.2mm; 当外形尺寸在 1~5mm 之间时, 公差为 ±0.3mm; 当外形尺寸 > 5mm 时, 公差为 ±0.4mm;

(2) 安装孔尺寸中未注尺寸公差的均为 ±0.1mm.

REMARK:

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



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)

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