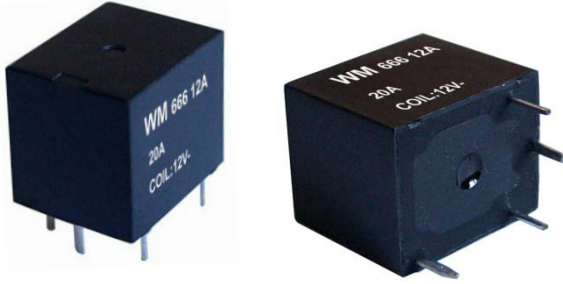




## Automotive Relays WM666 (T78)

L×W×H(mm): 15.5×12.5×13.5

**Features**

- Superminiature;
- Low coil consumption;
- Pc board mounting;
- Suitable for household electrical appliances, machinery electrical facilities, automation system, telecommunication equipment and automobile industry application.

**Ordering Information 订货说明**

<b>WM666</b>	<b>- 12</b>	<b>- A</b>	<b>- 0.8</b>
1	2	3	4
1 Part number 继电器型号: WM666			
2 Coil rated voltage(VDC)线圈额定电压 5:5V; 6: 6V; 12: 12V; 24: 24V			
3 Contact form 触点形式: A: 1A; B: 1B; C: 1C			
4 Coil power 线圈功率: 0.6: 0.6W; 0.8: 0.8W			

**Contact Data 触点参数**

Contact Form 触点形式	1A (SPSTNO)、1B (SPSTNC)、1C (SPDT(B-M))		
Contact Material 触点材料	Ag Alloy		
Contact Rating (resistive) 触点负载 (阻性)	1A	1B	1C
	20A/14VDC	15A/14VDC	NO:20A/14VDC NC:15A/14VDC
Max. Switching Voltage 最大切换电压	75VDC		
Max. Switching Current 最大切换电流	20A		
Max. Switching Power 最大切换功率	280W		
Contact Resistance or Voltage drop 接触电阻或接触压降	≤100mΩ		
Electrical Life 电气寿命	1×10 <sup>5</sup> 次		
Mechanical Life 机械寿命	1×10 <sup>7</sup> 次		

**Coil Parameter 线圈参数**

Dash numbers 规格	Coil voltage 线圈电压(VDC)		Coil resistance 线圈电阻 Ω±10%	Pickup voltage VDC(Max.) 最大起动电压	Release voltage VDC(Min.) 最小释放电压	Coil power 线圈功率	Operate Time 起动作时间	Release Time 释放时间
	Rated 额定	Max. 最大						
005-600	5V	6.5V	42	4.0V	0.5V	0.6W	≤10ms	≤5ms
006-600	6V	7.8V	60	4.8V	0.6V			
012-600	12V	15.6V	240	9.6V	1.2V			
024-600	24V	31.2V	960	19.2V	2.4V			
005-800	5V	6.5V	31	4.0V	0.5V	0.8W	≤10ms	≤5ms
006-800	6V	7.8V	45	4.8V	0.6V			
012-800	12V	15.6V	180	9.6V	1.2V			
024-800	24V	31.2V	720	19.2V	2.4V			

### Operation condition 工作条件

Insulation Resistance 绝缘电阻		100MΩ Min. (at 500VDC)
Dielectric Strength 介质耐压	Between Contacts	50Hz 500VAC / 1 minute
	Between Coil and Contacts	50Hz 500VAC / 1 minute
Shock resistance 抗冲击		100m/s <sup>2</sup> 11ms
Vibration resistance 抗震		10~55Hz double amplitude 1.5mm
Terminals strength 引出端强度		10N
Solderability 可焊性		235°C±2°C 3±0.5s
Ambient Temperature 环境温度		-40°C ~ +85°C
Relative Humidity 相对湿度		85% (at 20°C)
Weight 重量(Approx.)		6g

### Layout (Bottom views, Unit: mm)外形尺寸、接线图 (底视图)

Dimensions / Wiring diagram (Bottom views)

Mounting (Bottom views)

Wiring diagram (Bottom views)

### Reference Data 性能曲线图

