



Automotive Relays WM664 (T73)

L×W×H(mm): 19.5×15.5×15.3

**Features**

- Superminiature;
- Contact load capacity up to 20A at 14VDC;
- 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

WM664	- 12	- A
1	2	3

1 Part number 继电器型号: WM664
 2 Coil rated voltage(VDC)线圈额定电压: 6: 6V; 12: 12V; 24: 24V
 3 Contact form 触点形式: A: 1A; B: 1B; C: 1C

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	110VDC		
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 ⁵ 次		
Mechanical Life 机械寿命	1×10 ⁷ 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 起动时间	Release Time 释放时间
	Rated 额定	Max. 最大						
6V	6V	7.8V	45	4.5V	0.6V	0.8W	≤10ms	≤5ms
12V	12V	15.6V	180	9V	1.2V			
24V	24V	31.2V	720	18V	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 750VAC / 1 minute
	Between Coil and Contacts	50Hz 1500VAC / 1 minute
Shock resistance 抗冲击		100m/s ² 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		93% (at 40°C)
Weight 重量(Approx.)		9g

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)

1A 1B 1C

Reference Data 性能曲线图

