



FEATURES

主要特征

- 5A switching capability 5A触点切换能力
- 1 Form A and 1 Form C configurations 具有一组常开、一组转换触点形式。
- Coil power is 0.45W 线圈功耗为0.45W
- Subminiature, standard PCB PCB Layout 标准印制板引线脚。
- Environmental friendly product (RoHS compliant) 符合环保要求 (符合RoHS)
- Outline Dimension: (18.5x10.4x15.5)mm 外形尺寸: (18.5x10.4x15.5)mm
- Applied range: Electric equipment、UPS、air-condition、machine tool、household electrical appliances、sound equipment、security alerting system、TV controller and many other automatic control circuit

应用范围: 电器设备、UPS、空调、机床、家电、音响、安全报警系统和TV控制等自动控制电路。

CONTACT DATA

触点参数

Contact form 触点形式	1H, 1Z(1A, 1C)
Contact resistance 接触电阻	100mΩ Max(initial)
Contact material 触点材料	Ag Alloy 银合金
Contact rating (Res. load) 触点负载(阻性)	1H: 10A/250VAC 1H, 1Z: 5A 250VAC/30VDC 1H: 10A/250VAC 1A, 1C: 5A 250VAC/30VDC
最大切换电压 Max. switching volt	250VAC/30VDC
最大切换电流 Max. switching current	5A
最大切换功率 Max switching power	1250VA/150W
机械寿命 Mechanical life	1x10 ⁷ 次 OPS
电耐久性 Electrical endurance (15次/分钟 OPS/min)	1x10 ⁶ 次 OPS

COIL 线圈参数

Rated coil power 额定线圈功率: 0.2W, 0.45W, 0.72W

CHARACTERISTICS

性能参数

Insulation Resistance 绝缘电阻	When test voltage is 500VDC 测试电压为500VDC时	100MΩ Min
Dielectric strength 介质耐压	Between coil & contacts 触点与线圈间	3000 VAC 1min
	Between open contacts 断开触点间	750VAC 1min
Operate time (at rated volt.) 吸合时间(额定电压下)		≤ 10ms
Release time (at rated volt.) 释放时间(额定电压下)		≤ 5ms
Shock resistance 冲击	Functional 稳定性	98m/S ²
	Destructive 强度	980m/S ²
Vibration resistance 振动	Double-amplitude, Frequency: 10Hz to 55Hz 双振幅, 频率: 10~55Hz	
Humidity 湿度	95% (+40°C)	
Ambient temperature 温度范围	-40~+85°C	
Termination type 引出端方式	PCB	
Weight 重量	Approx 6g	
Construction 封装方式	Shell type 密闭式	

Notes: (1) The data shown above are initial values.

备注: (1) 上述值均为初始值。

ORDERING INFORMATION

订货标记示例

JZC-11F/	12VDC	1H	L
Coil power dissipation: Blank: 0.45W G: 0.72W L: 0.2W 线圈功耗: 无: 0.45W G: 0.72W L: 0.2W			
Contact form 1H: 1 Form A. 1Z: 1 Form C 触点形式: 1H: 一组常开 1Z: 一组转换			
Coil volt: 3, 5, 6, 9, 12, 18, 24VDC 线圈电压: 3, 5, 6, 9, 12, 18, 24VDC			
Type 继电器型号			

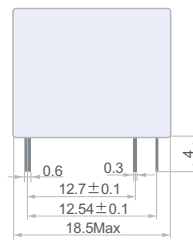
OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD PCB Layout

外形图、接线图、安装孔尺寸

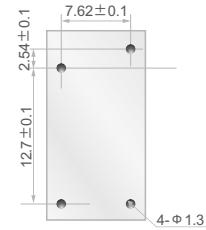
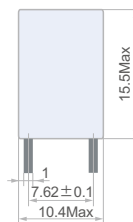
Outline dimension diagram : 外形尺寸图 Unit 单位: mm

●PCB Type 印制板式

JZC-11F □□□□□1H



Outline dimension diagram
外形尺寸图

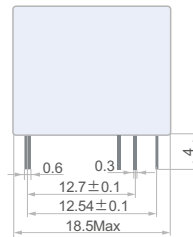


PCB Layout (Bottom View)
脚位图

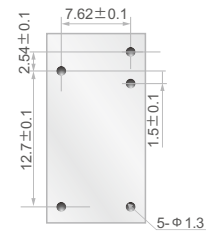
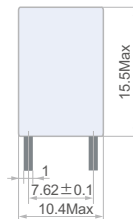


Circuit diagram
线路图

JZC-11F □□□□□1Z



Outline dimension diagram
外形尺寸图



PCB Layout (Bottom View)
脚位图



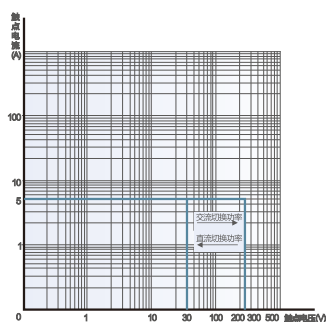
Circuit diagram
线路图

COIL DATA(20°C)

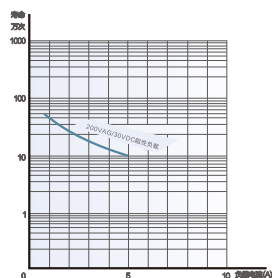
线圈规格						
Rated volt VDC 额定电压	Pick-upvolt. VDC 动作电压	Drop-outvolt. VDC 释放电压	Max.Allowable volt.VDC (85°C) 最大电压	Coil Resistance $\Omega \pm 10\%$ 线圈直流电阻		
				0.2W	0.45W	0.72W
3	≤ 2.3	≥ 0.15	3.9	45	20	13
5	≤ 3.8	≥ 0.25	6.5	100	55	35
6	≤ 4.5	≥ 0.30	7.8	182	80	50
9	≤ 6.8	≥ 0.45	11.7	409	180	113
12	≤ 9.0	≥ 0.60	15.6	719	320	200
18	≤ 13.5	≥ 0.90	23.4	1622	720	450
24	≤ 18	≥ 1.20	31.2	2881	1280	800
36	≤ 27	≥ 1.80	46.8	6429	2880	1800
48	≤ 36	≥ 2.40	62.4	1151	5100	3200

CHARACTERISTIC CURVES

性能曲线图



Max. switching power
最大切换功率



Load Curve
负载曲线

Disclaimer: This product catalog is just for customers' reference. Product constantly update, all the specifications are subject to change without notice.

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