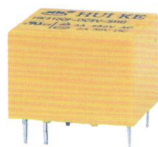




HK4100F

SUBMINIATURE POWER RELAY



主要特性

- ◆ 价格低
- ◆ 具有一组转换一组常开一组常闭
- ◆ 印制板式引出端
- ◆ 密封型与半密封型两种封装方式

◆ CONTACT DATA 触点参数

Contact Form	触点形式	1C 1A 1B
Contact Ratings	触点负载	1A 250VAC 1A 30VDC
Max Switching Voltage	最大转换电压	300VAC/60VDC
Max Switching Current	最大转换电流	3A
Max Switching Power	最大转换功率	750VA/90W
Contact Resistance	接触电阻	100MΩ (at 1A 6VDC)
Electrical Life	电气寿命	1X10 ⁵ Ops (30Ops/min)
Mechanical Life	机械寿命	1X10 ⁷ Ops (300Ops/min)

◆ GENERAL DATA 性能参数

Insulation Resistance	绝缘电阻	100MΩ 500VDC	
Dielectric Strength	Between coil and contacts	触点与线圈间耐压	1000VAC 1min
	Between open contacts	触点间耐压	500VAC 1min
Operate Time	吸合时间	Max. 10ms	
Release Time	释放时间	Max. 5ms	
Temperature Range	温度范围	-25°Cto+70°C	
Shock Resistance 冲击	Functional 稳定性	98m/s ² (10g)	
	Destructive 强度	980m/s ² (100g)	
Vibration Resistance	振动	10 to 55Hz 1.5mm	
Humidity	湿度	35% to 85%RH	
Weight	重量	Approx.3.5g	
Safety Standard	安规认证	CUL TuV CQC	

◆ COIL DATA 线圈参数

Nominal Voltage 额定电压 (VDC)	Coil Resistance at 20°C±10% (Ω) 线圈阻值			Max Operate Voltage 最大吸合电压 (VDC)	Min Release Voltage 最小释放电压 (VDC)	Max Applicable Voltage 最大过载电压 (VDC)
	0.15W	0.2W	0.36W			
3	60	45	25	2.25	0.3	3.9
5	167	120	70	3.75	0.5	6.5
6	240	180	100	4.50	0.6	7.8
9	540	400	220	6.75	0.9	11.7
12	960	720	400	9.00	1.2	15.6
24	3840	2880	1600	18.00	2.4	31.2

注: 0.15W规格最大吸合电压为80%额定电压

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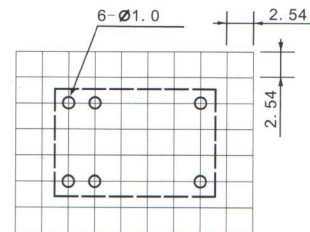
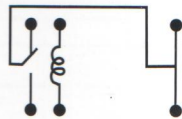
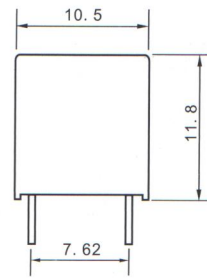
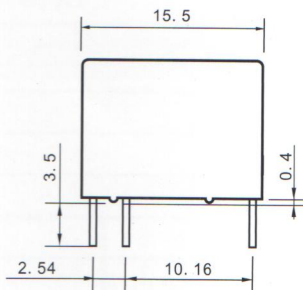
ORDERING INFORMATION 订货标记示例

HK4100F-DC 12V-S D 1A x x

特殊标记 Special request code	G: 环保产品 G: RoHS
安装方式 Mounting termination	无: PCB NIL: PCB
触点转换形式 Contact Form	1C 1A 1B 无: 1C 1C 1A 1B NIL: 1C
线圈功耗 Coil Power	无: 0.36W D: 0.15W H: 0.2W NIL: 0.36W D: 0.15W H: 0.2W
封装方式 Type of Sealing	无: 半密封 S: 密封型 NIL: Flow Solder Type S: plastic Sealed Type
线圈电压 Coil Voltage	3V、5V、6V、9V、12V、24V. 3V、5V、6V、9V、12V、24V.
线圈性质 Coil Type	DC: 直流 DC
产品型号: Type:	HK4100F HK4100F

OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT 外形图、接线图、安装孔尺寸

Dimension(mm)



BOTTOM VIEW (1C)

BOTTOM VIEW (1C)

公差 Tolerance: ±0.2

Reference Data 特性曲线

