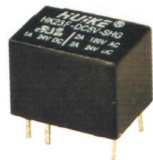




# HK23F

# SIGNAL RELAYS



## 主要特性

- ◆ 2A触点切换能力
- ◆ 高灵敏度, 线圈功耗仅为150mw
- ◆ 标准双列直插引出脚
- ◆ 镀金触点
- ◆ 超小型
- ◆ 塑封型

### ◆ CONTACT DATA 触点参数

Contact Form	触点形式	1C
Contact Ratings	触点负载	2A 120VAC 2A 24VDC
Max Switching Voltage	最大转换电压	125VAC/60VDC
Max Switching Current	最大转换电流	2A
Max Switching Power	最大转换功率	240VA/48W
Contact Resistance	接触电阻	100MΩ (at 1A 6VDC)
Electrical Life	电气寿命	1X10 <sup>5</sup> Ops (30Ops/min)
Mechanical Life	机械寿命	1X10 <sup>7</sup> 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	400VAC 1min
Operate Time	吸合时间	Max. 5ms
Release Time	释放时间	Max. 5ms
Temperature Range	温度范围	-30°C to +70°C
Shock Resistance 冲击	Functional 稳定性	98m/s <sup>2</sup> (10g)
	Destructive 强度	980m/s <sup>2</sup> (100g)
Vibration Resistance	振动	10 to 55Hz 1.5mm
Humidity	湿度	35% to 85%RH
Weight	重量	Approx. 2.2g
Safety Standard	安规认证	CUL

### ◆ COIL DATA 线圈参数

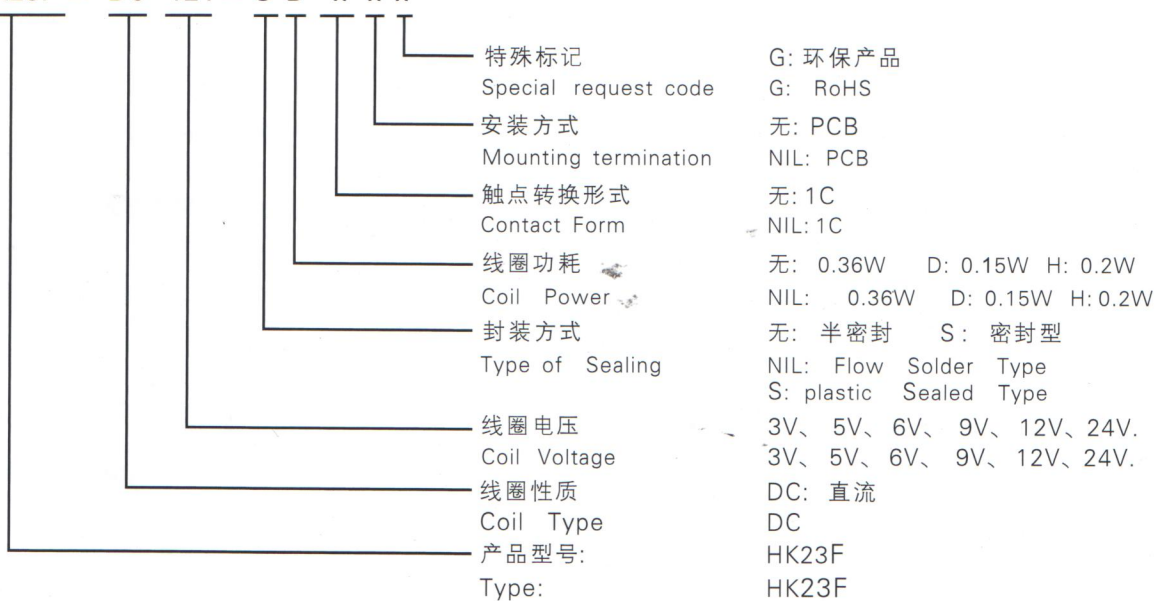
Nominal Voltage 额定电压 (VDC)	Coil Resistance at 20°C ±10% (Ω) 线圈阻值			Max Operate Voltage 最大吸合电压 (VDC)	Min Release Voltage 最小释放电压 (VDC)	Max Applicable Voltage 最大过载电压 (VDC)
	0.15W	0.2W	0.36W			
3	60	45	25	2.25	0.3	3.9
5	167	120	70	3.75	0.5	6.5
6	240	180	100	4.50	0.6	7.8
9	540	400	220	6.75	0.9	11.7
12	960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

打造汇科品牌  
 创新成就未来  
 GREAT HUIKE BRAND  
 INNOVATION ACHIEVE FUTURE

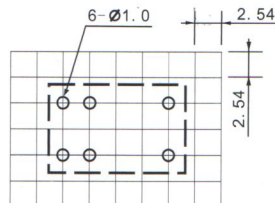
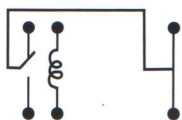
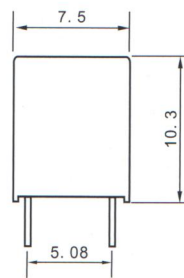
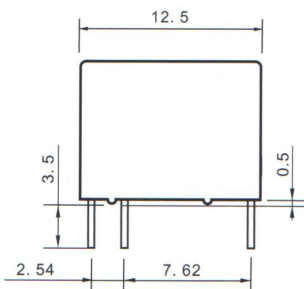
## ORDERING INFORMATION 订货标记示例

HK23F - DC 12V - S D x x x



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

Dimension(mm)



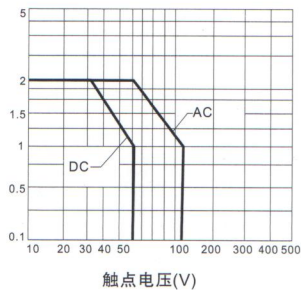
BOTTOM VIEW  
(1C)

BOTTOM VIEW  
(1C)

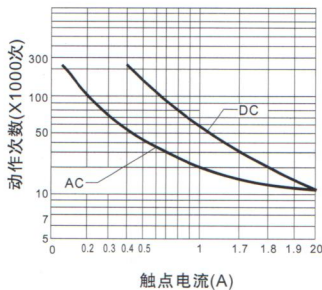
公差 Tolerance: ±0.2

## Reference Data 特性曲线

最大切换功率



电气寿命曲线



最大允许环境温度曲线

