

## Communication Relay HK19F

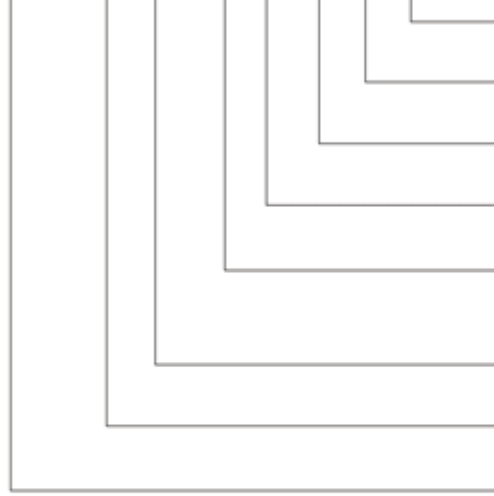


- **Model:HK19F**

## ORDERING INFORMATION 订货标记示例



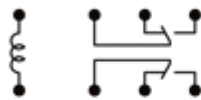
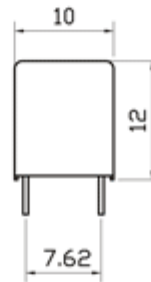
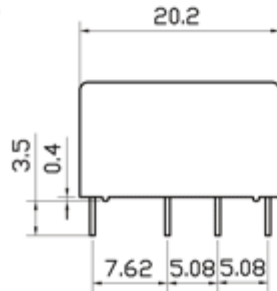
HK19F — DC 6V — S D X X X



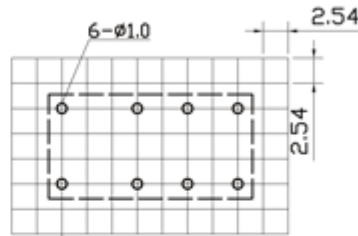
特殊标记 Special request code	G: 环保产品 G:RoHS
安装方式 Mounting termination	无: PCB NIL:PCB
触点转换形式 Contact Form	无:2C NIL:2C
线圈功耗 Coil Power	无: 0.36W D:0.15W H:0.2W T:0.45W NIL:0.36W D:0.15W H:0.2W T:0.45W
封装方式 Type of Sealing	无: 半封密 S:密封型 Nil:Flow Solder Type
线圈电压 Coil Voltage	S: Plastic Sealed Type 3V、5V、6V、9V、12V、24V
线圈性质 Coil Type	3V、5V、6V、9V、12V、24V DC: 直流
产品型号: Type:	DC HK19F HK19F

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

Dimension(mm)



BOTTOM VIEW  
(2C)

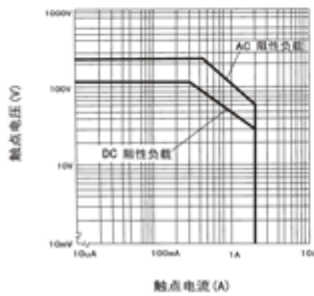


BOTTOM VIEW  
(2C)

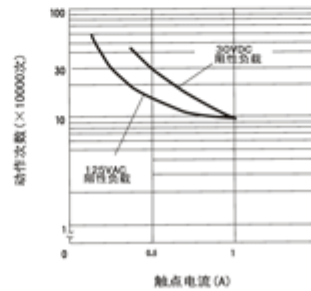
公差 Tolerance: ±0.2

## Raeference Data 特性曲线

最大切换功率



电气寿命曲线



# HK19F

# SUBMINIATURE POWER RELAY



### 主要特性

- 2组转换触点形式
- 高切换容量60W, 125VA
- DIP结构与标准16脚IC插座匹配
- 塑封结构适用于波峰焊和浸渍清洗
- 高灵敏度线圈功耗仅为0.15W

### CONTACT DATA 触点形式

Contact Form	触点形式	2C
Contact Material	触点材料	Silver Alloy
Contact Ratings	触点负载	1A 125VAC 2A 30VDC
Max Switching Voltage	最大转换电压	250VAC/125VDC
Max Switching Current	最大转换电流	2A
Max Switching Power	最大转换功率	125VA/60W
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	600VAC 1min
Operate Time	吸合时间	Max. 6ms
Release Time	释放时间	Max. 4ms
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	40% to 85%RH
Weight	重量	Approx. 5g
Safety Standard	安规认证	CUL TÜV

### 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	0.45W			
3	60	45	25	20	2.25	0.3	3.9
5	167	120	70	56	3.75	0.5	6.5
6	240	180	100	80	4.50	0.6	7.8
9	540	400	220	180	6.75	0.9	11.7
12	960	720	400	320	9.00	1.2	15.6
24	3840	2880	1600	1280	18.00	2.4	31.2

注：0.15W规格最大吸合电压为80%额定电压