

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
- 密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

Contact Form	2C
Contact Material	Silver Alloy
Contact Ratings	1A 125VAC 2A 30VDC
Max Switching Voltage	250VAC/125VDC
Max Switching Current	2A
Max Switching Power	125VA/60W
Contact Resistance	100mΩ (at 1A 6VDC)
Electrical Life	1x10 ⁷ Ops(30Ops/min)
Mechanical Life	1x10 ⁷ Ops(300Ops/min)

GENERAL DATA

Insulation Resistance	100MΩ 500VDC
Dielectric Strength	Between coil and contacts 1000VAC 1min
Strength	Between open contacts 600VAC 1min
Operate Time	Max. 6ms
Release Time	Max. 4ms
Temperature Range	-30℃ to +70℃
Shock Resistance	Functional 98m/s ² (10g)
	Destructive 980m/s ² (100g)
Vibration Resistance	10 to 55Hz 1.5mm
Humidity	40% to 85%RH
Weight	Approx. 5g
Safety Standard	CUL TUV

COIL DATA

Nominal Voltage (VDC)	Coil Resistance at 20℃ ±10%(Ω)				Max Operate Voltage (VDC)	Min Release Voltage (VDC)	Max Applicable Voltage (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

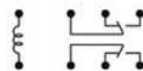
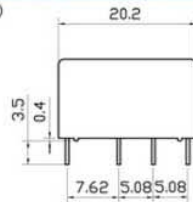
注: 0.15W规格最大吸合电压为80%额定电压

ORDERING INFORMATION

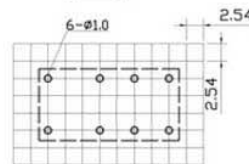
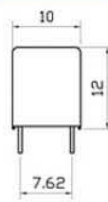
HK19F - DC 6V - S D X X X	Special request code	G:RoHS
	Mounting termination	NIL:PCB
	Contact Form	NIL:2C
	Coil Power	NIL:0.36W D:0.15W H:0.2W T:0.45W
	Type of Sealing	Nil:Flow Solder Type S: Plastic Sealed Type
	Coil Voltage	3V, 5V, 6V, 9V, 12V, 24V
	Coil Type	DC
	Type:	HK19F

OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

Dimension(mm)



BOTTOM VIEW
(2C)



BOTTOM VIEW
(2C)

公差 Tolerance: ±0.2