



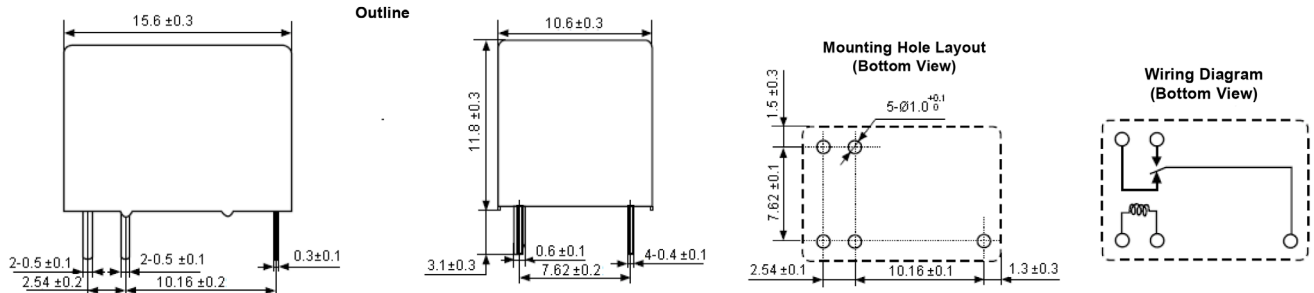
Features

- Microminiature relay.
Dimension : 15.6mm × 10.6mm × 11.8mm
- High sensitivity.
- Maximum switching capacity 3A
- Contact Form: 1 form C

Specifications

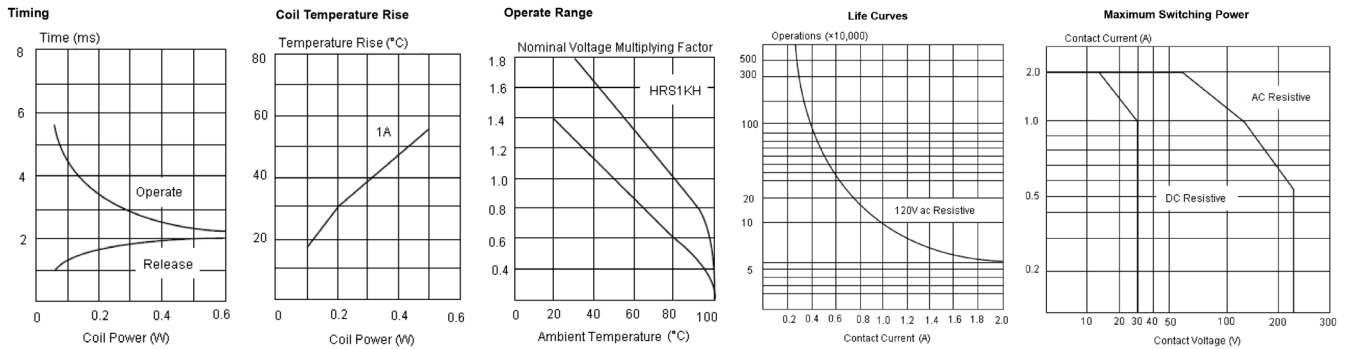
Contact Data		
Contact Material		AuAg overlay, Ag Alloy
Contact Rating		1A 120V AC / 24V DC
		3A 120V AC / 24V DC
Contact Resistance		Maximum 50mΩ (6V DC 0.1A)
Load	Maximum Switching Voltage	220V AC / 30V DC
	Maximum Switching Current	3A
	Maximum Switching Power	360VA, 90W
	Minimum Switching Load	5V DC, 10mA
Life	Electrical	100,000 Operations (1A 120V AC / 24V DC) 50,000 Operations (3A 120V AC / 24V DC)
	Mechanical	10,000,000 Operations
Coil Data		
Nominal Coil Power		200mW, 360mW
General Data		
Insulation Resistance		Minimum 100MΩ 500V DC
Dielectric Strength	Between Open Contacts	750V AC, 1 Min
	Between Coil and Contacts	Standard: 1,500V AC, 1 Min E : 2,500V AC, 1 min
Operate Time		Maximum 5ms
Release Time		Maximum 5ms
Operating Temperature		-25°C to +70°C
Humidity		35 to 95% RH, +40°C
Shock Resistance	Endurance	1,000m/s ²
	Misoperation	100m/s ²
Vibration Resistance	Endurance	10 to 55Hz, 1.5mm Double Amplitude
	Misoperation	

Out Line, Wiring Diagram, Mounting Hole Layout



Dimensions : Millimetres

Characteristic Chart Data



Coil Data

Ambient Temperature: 23°C

Nominal Voltage V DC	Coil Resistance Ω ±10%	Operate Voltage ≤V DC	Release Voltage ≥V DC	Coil Power mW	Part Number
5	125	3.75	0.5	200	MCHRS1KH-S DC5V
12	720	9	1.2		MCHRS1KH-S DC12V
24	2880	18	2.4		MCHRS1KH-S DC24V

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