



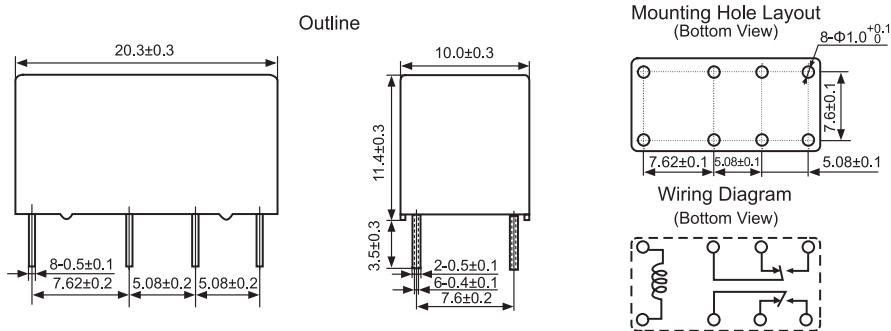
## Features

- Microminiature relay.  
Dimension : 20.3mm × 10mm × 11.4mm
- High sensitivity.
- 2 form C contacts (DPDT)

## Specifications

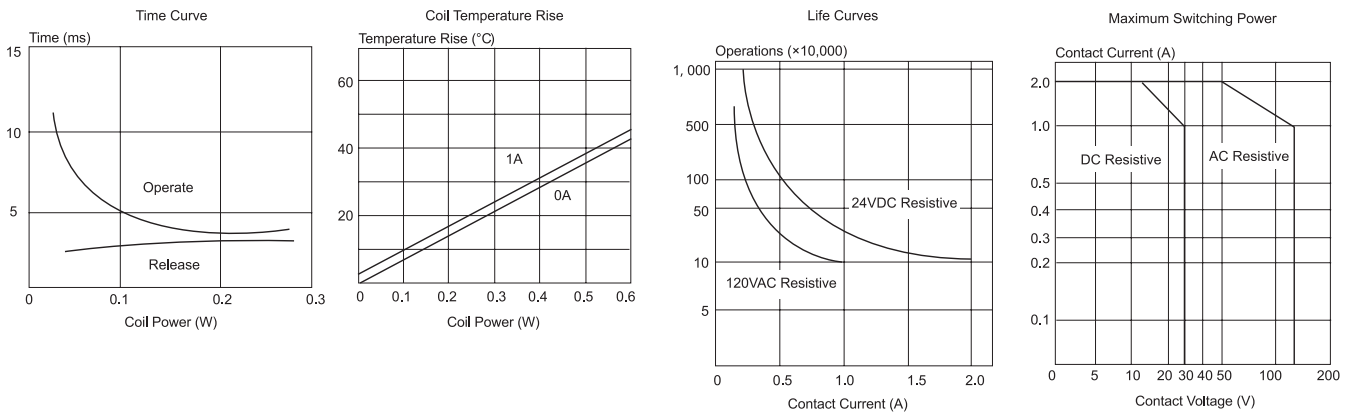
Contact Data		
Contact Form		2 Form C
Contact Material		AuAg overlay
Contact Rating		1A 120V AC / 24V DC
		2A 120V AC / 24V DC
Contact Resistance		Maximum 50mΩ (6V DC 0.1A)
Load	Maximum Switching Voltage	240V AC/120V DC
	Maximum Switching Current	2A
	Maximum Switching Power	240VA, 60W
	Minimum Switching Load	5V DC, 10mA
Life	Electrical	100,000 Operations
	Mechanical	15,000,000 Operations
Coil Data		
Nominal Coil Power		150mW, 200mW, 360mW, 450mW
General Data		
Insulation Resistance		Minimum 1,000MΩ 500V DC
Dielectric Strength	Between Open Contacts	500V AC, 1 Min
	Between Coil and Contacts	1,000V AC, 1 Min
Operate Time		Maximum 7ms
Release Time		Maximum 3ms
Operating Temperature		-25°C to +70°C
Humidity		35 to 95% RH, +40°C
Shock Resistance	Endurance	1,000m/s <sup>2</sup>
	Misoperation	100m/s <sup>2</sup>
Vibration Resistance	Endurance	10 to 55Hz, 1.5mm Double Amplitude
	Misoperation	
Weight		Approximately 5g

## 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
9	180	6.75	0.9	450	MCHRS2H-S DC9V
12	320	9	1.2		MC25119
24	1280	18	2.4		MC25135

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