



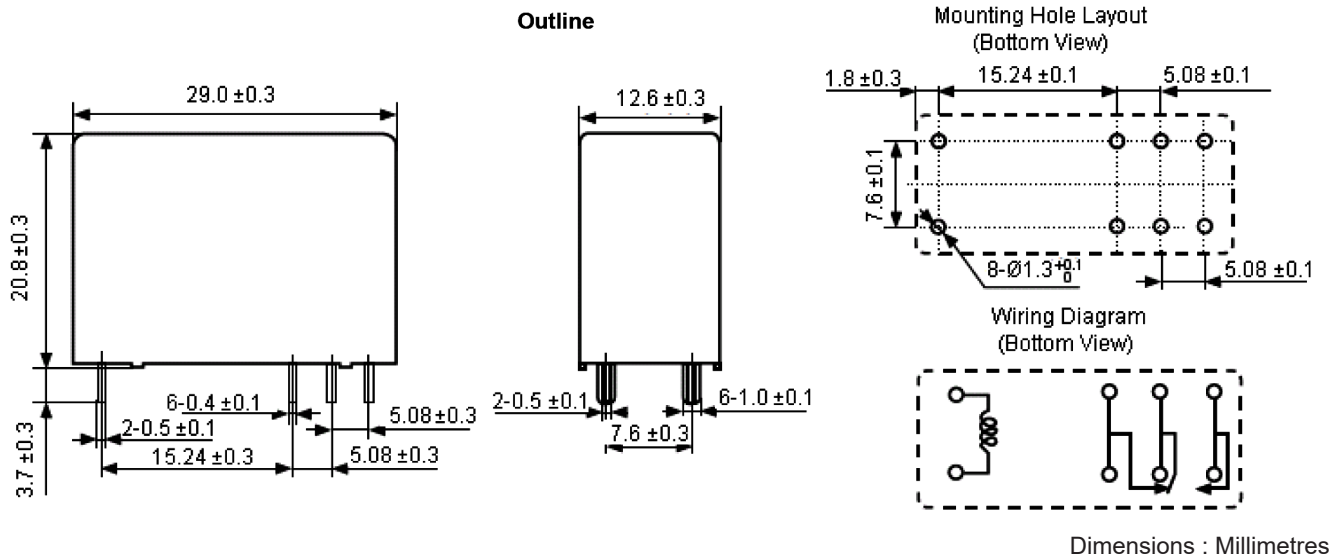
## Features

- Slim type with low height
- Dimension: 29mm × 12.6mm × 20.8mm
- Contact form: 1 form C
- Dielectric strength between coil and contact: 4KV
- 16A contact current.
- Creepage distance: 8mm

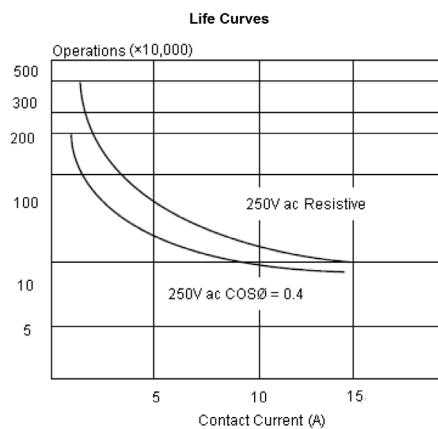
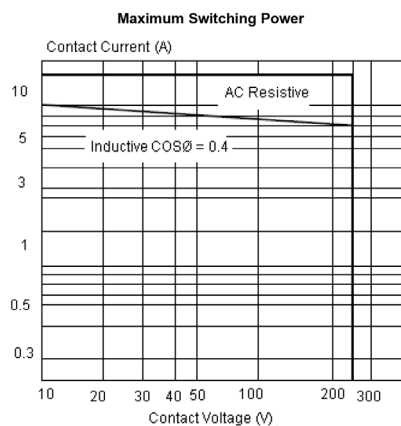
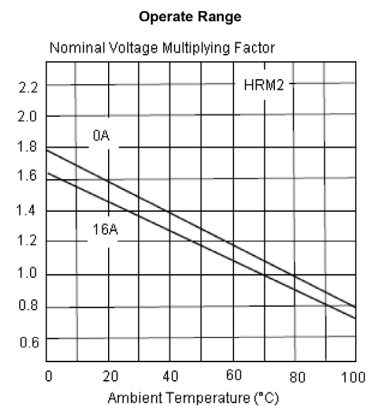
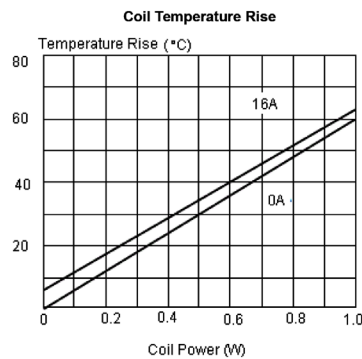
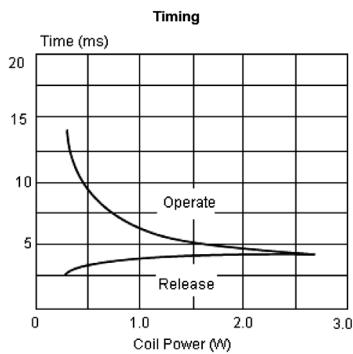
## Specifications

Contact Data		
Contact Material		Ag Alloy
Contact Rating		Resistive : 16A 250V AC / 30V DC TV Rating : TV-8 125V AC Inductive : 8A 250V AC / 30V DC (COSØ = 0.4, L/R = 7ms)
Contact Resistance		Max. 100mΩ (6V DC 1A)
Load	Max. Switching Voltage	250V AC / 30V DC
	Max. Switching Current	16A
	Max. Switching Power	4,000VA, 480W
	Min. Switching Load	5V DC, 100mA
Life	Electrical	100,000 Operations
	Mechanical	10,000,000 Operations
Coil Data		
Nominal Coil Power		540mW, 720mW
General Data		
Insulation Resistance		Min. 1,000MΩ 500V DC
Dielectric Strength	Between Open Contacts	1,000V AC, 1 min
	Between Coil and Contacts	4,000V AC, 1 min
Operate Time		Max. 15ms
Release Time		Max. 8ms
Operating Temperature		-30°C to +55°C (720mW)
		-30°C to +70°C (540mW)
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	

## Out Line, Wiring Diagram, Mounting Hole Layout



## Characteristic Chart Data

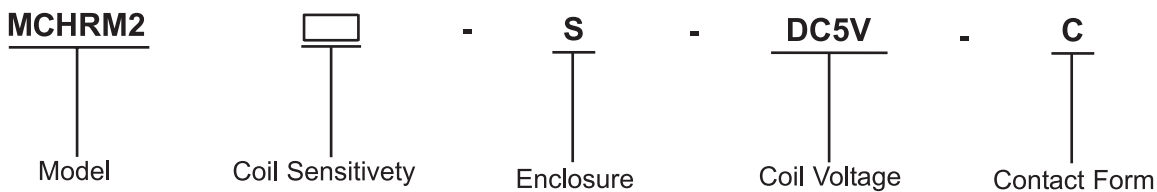


## Coil Data

Ambient Temperature: 23°C

Nominal Voltage V DC	Coil Resistance $\Omega \pm 10\%$	Operate Voltage $\leq V DC$	Release Voltage $\geq V DC$	Coil Power mW	Part Number
5	35	3.75	0.5	720	MCHRM2-S DC5V
9	112.5	6.75	0.9		MCHRM2-S DC9V
12	200	9	1.2		MCHRM2-S DC12V
24	800	18	2.4		MCHRM2-S DC24V

## Part Number Explanation



- Coil Sensitivity : Blank - Standard (720mW).
- Enclosure : S-Plastic sealed type.
- Coil Voltage : DC5V, DC9V, DC12V and DC24V.
- Contact Form : C-1 Form C.

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