

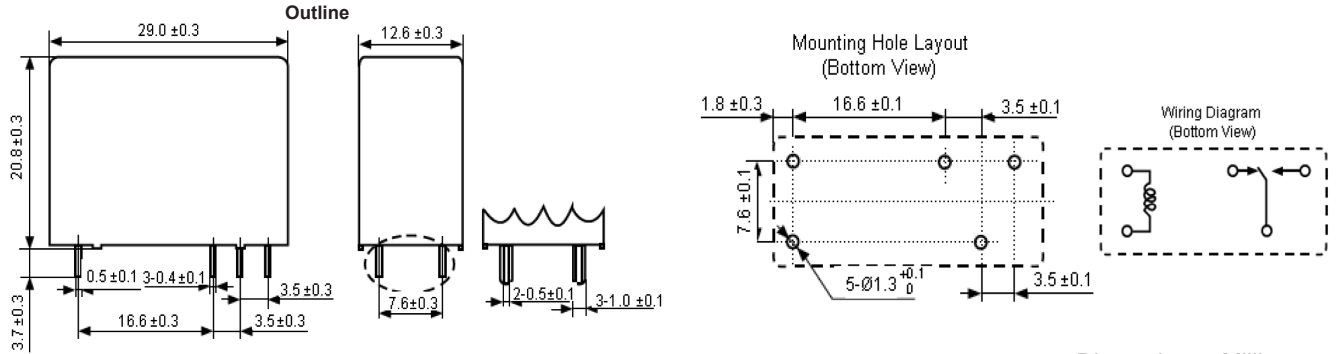
Features

- Slim type with low height.
Dimension : 29mm × 12.6mm × 20.8mm
- TV-5 Rating
- Creepage distance: 8mm
- Contact form: 1 form C

Specifications

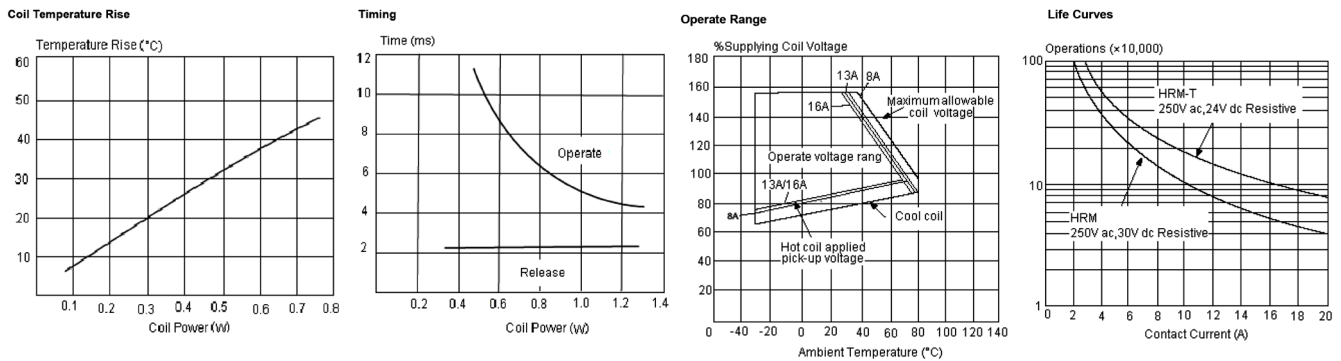
Contact Data		
Contact Material		Ag Alloy
Contact Rating		Resistive : 10A 250V AC/30V DC TV Rating : TV-5 Inductive : 5A 240V AC (COSØ = 0.4) Resistive : 16A 250V AC (T)
Contact Resistance		Maximum 100mΩ (6V DC 1A)
Load	Maximum Switching Voltage	250V AC / 30V DC
	Maximum Switching Current	16A
	Maximum Switching Power	4,000VA, 480W
	Minimum Switching Load	5V DC, 100mA
Life	Electrical	100,000 Operations
		50,000 Operations (COSØ = 0.4 L/R = 7ms)
	Mechanical	10,000,000 Operations
Coil Data		
Nominal Coil Power		540mW, 720mW
General Data		
Insulation Resistance		Minimum 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		Maximum 15ms
Release Time		Maximum 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 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 $\Omega \pm 10\%$	Operate Voltage $\leq V$ DC	Release Voltage $\geq V$ DC	Coil Power mW	Part Number
5	35	3.75	0.5	720	MCHRM-S DC5V
9	112.5	6.75	0.9		MCHRM-S DC9V
12	200	9	1.2		MCHRM-S DC12V
24	800	18	2.4		MCHRM-S DC24V

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