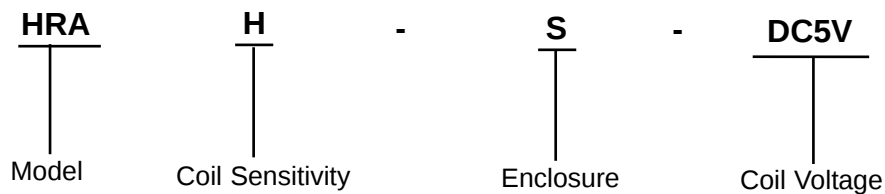




Features:

- Microminiature relay
Dimension : 10.2 × 7.4 × 10 (mm).
- Light weight.
- Contact form : 1 form C.

Part Number Explanation:



Coil Sensitivity : H - High sensitive (330mW).
: Blank-Standard (450mW).

Enclosure : S-Plastic sealed type.

Coil Voltage : DC5V, DC12V and DC24V.

Remark: HRAH-S-DC24V : Coil power 380mW.

Specifications

Contact Data		
Contact Material		AuAg overlay, Ag alloy
Contact Rating		1A 120V ac / 24V dc
Contact Resistance		Maximum 50mΩ (6V dc 0.1A)
Load	Maximum Switching Voltage	12V ac / 30V dc
	Maximum Switching Current	2A
	Maximum Switching Power	120VA, 30W
	Minimum Switching Load	5V dc, 10mA
Life	Electrical	100,000 operations
	Mechanical	10,000,000 operations

Specifications

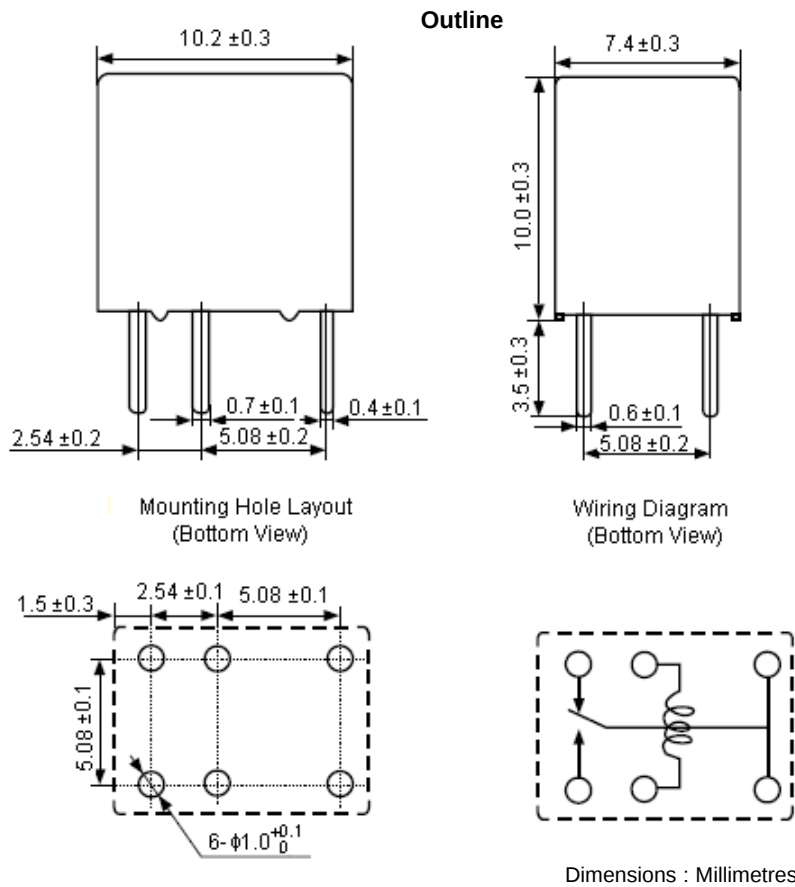
Coil Data		
Nominal Coil Power		330mW, 450mW
General Data		
Insulation Resistance		Minimum 100M Ω 500V dc
Dielectric Strength	Between Open Contacts	500V ac, 1 min
	Between Coil and Contacts	
Operate Time		Maximum 6ms
Release Time		Maximum 4ms
Operating temperature		-25°C to +70°C
Humidity		35 to 95%RH, +40°C
Shock Resistance	Endurance	1,000m/s ²
	Misoperation	100m/s ²
Vibration Resistance	Endurance	10 to 55Hz, 1.5mm double amplitude
	Misoperation	

Coil Data

Ambient Temperature: 23°C

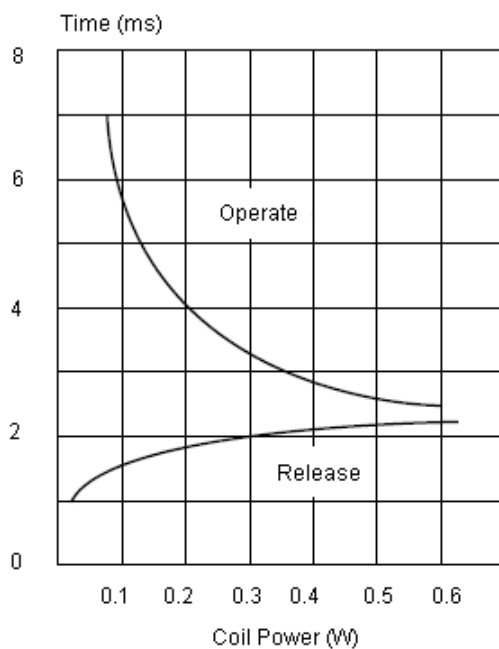
Nominal Voltage V dc	Coil Resistance $\Omega \pm 10\%$	Operate Voltage $\leq V$ dc	Release Voltage $\geq V$ dc	Coil Power mW	Part Number
5	55	3.5	0.5	450	HRA-S-DC5V-C
12	320	8.4	1.2		HRA-S-DC12V-C
24	1280	16.8	2.4		HRA-S-DC24V-C
5	75	3.5	0.5	330	HRAH-S-DC5V-C
12	440	8.4	1.2		HRAH-S-DC12V-C
24	1515	16.8	2.4	380	HRAH-S-DC24V-C

Outline, Wiring Diagram, Mounting Hole Layout (Unit: mm)

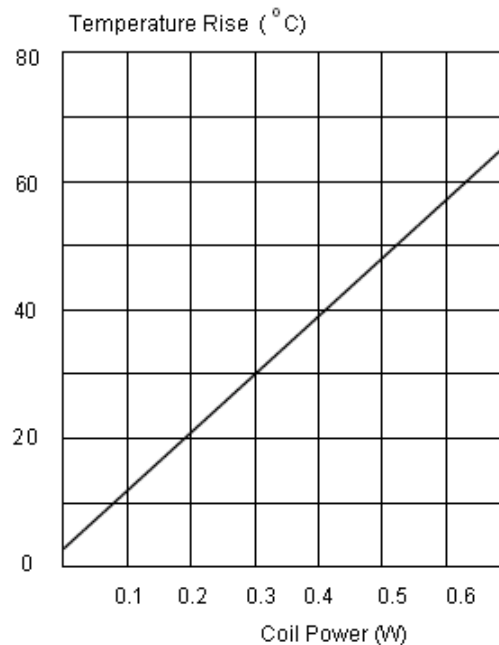


Characteristic Chart Data

Timing

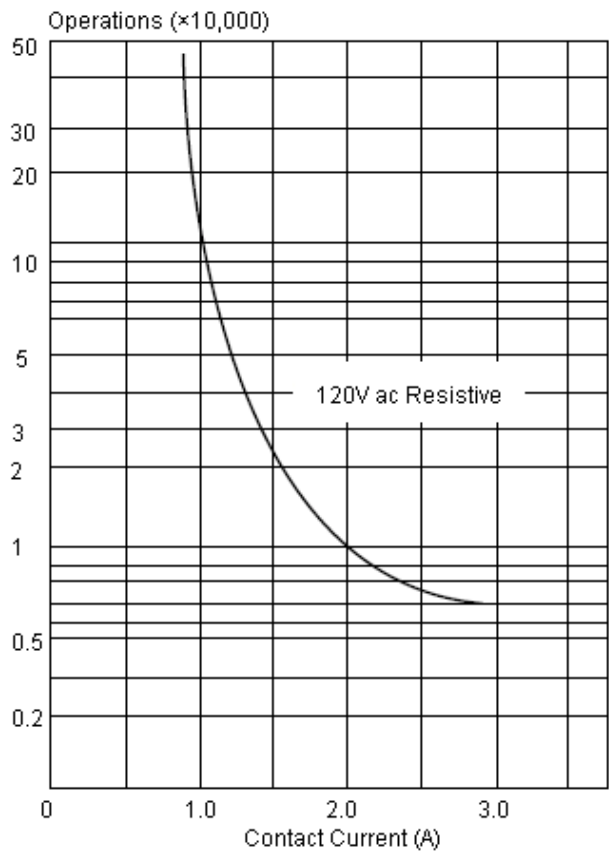


Coil Temperature Rise

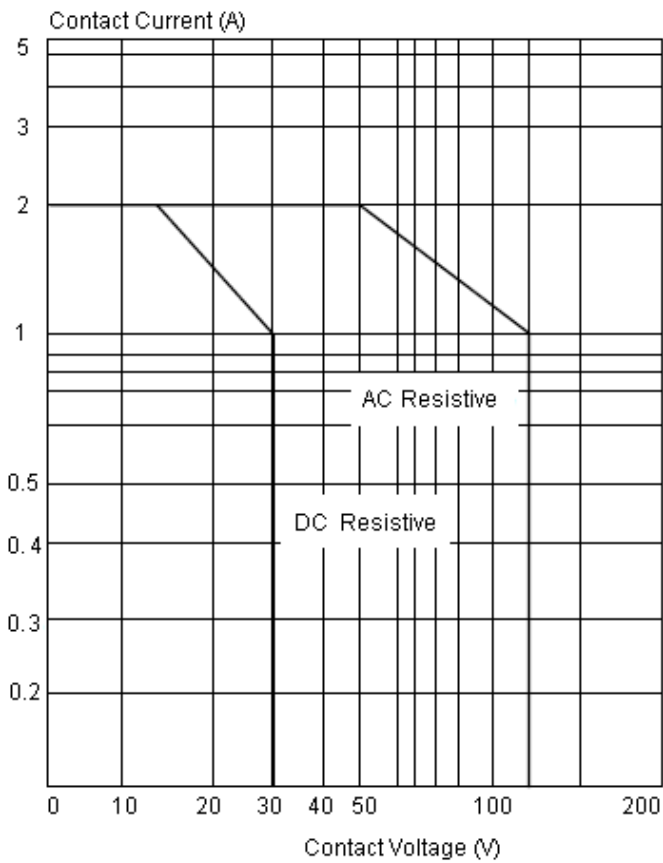


Characteristic Chart Data

Life Curves



Maximum Switching Power



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