



Features:

- Microminiature relay.
Dimension : 20.3 × 9.9 × 11.4 (mm).
- High sensitivity.
- 2 form contacts : 2 form C.

Part Number Explanation:

HRS2H	-	S	-	DC5V	-	
Model		Enclosure		Coil Voltage		Coil Sensitivity
Enclosure : S - Plastic Sealed Type. Coil Voltage : DC5V, DC9V, DC12V and DC24V. Coil Sensitivity : Blank - 450mW.						

Remarks : Contact rating : 1A, 2A.

Specifications

Contact Data		
Contact Material		AuAg overlay, Ag Alloy
Contact Rating		1A 120V ac / 24V dc
		2A 120V ac / 24V dc
Contact Resistance		Maximum 50mΩ (6V dc 0.1A)
Load	Maximum Switching Voltage	125V ac / 30V dc
	Maximum Switching Current	2A
	Maximum Switching Power	250VA,60W
	Minimum Switching Load	5V dc,10mA
Life	Electrical	100,000 Operations
	Mechanical	15,000,000 Operations

Specifications

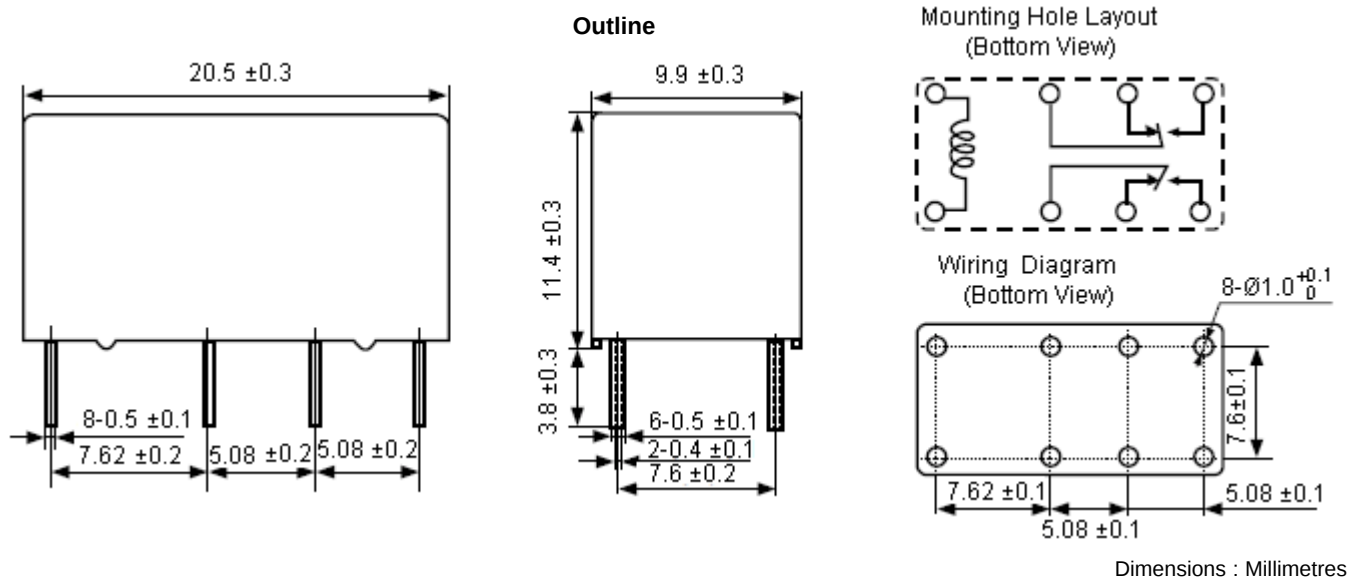
Coil Data		
Nominal Coil Power		150mW, 200mW, 360mW, 450mW
General Data		
Insulation Resistance		Minimum 1,000MΩ 500V dc
Dielectric Strength	Between Open Contacts	500V ac,1 Min
	Between Coil and Contacts	1,000V ac,1 Min
Operate Time		Maximum 7ms
Release Time		Maximum 3ms
Operating Temperature		-25 to +70°C
Humidity		35 to 95% RH, +40°C
Surge Strength		1,500V ac,10 × 160 μs
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

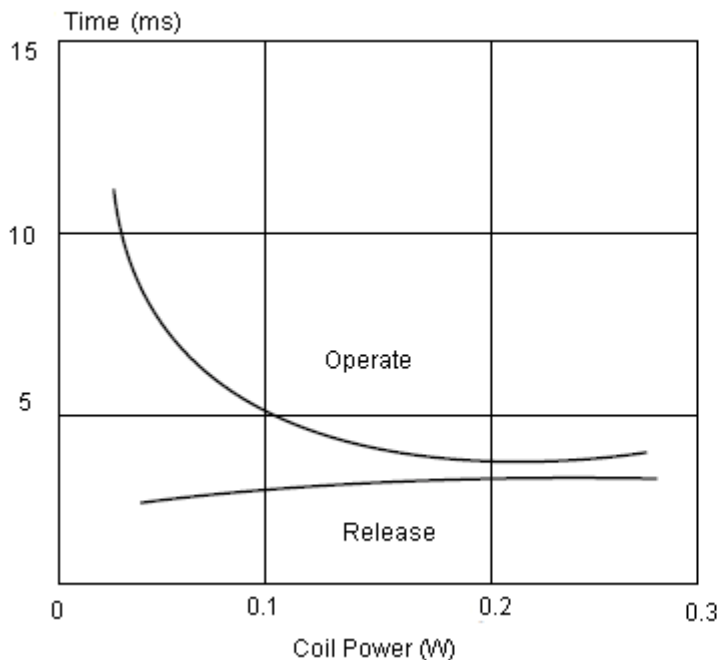
Nominal Voltage V dc	Coil Resistance Ω ±10%	Operate Voltage ≤ V dc	Release Voltage ≥ V dc	Coil Power mW	Part Number
5	55.6	3.75	0.5	450	HRS2H-S-DC5V
9	180	6.75	0.9		HRS2H-S-DC9V
12	320	9	1.2		HRS2H-S-DC12V
24	1280	18	2.4		HRS2H-S-DC24V

Out Line, Wiring Diagram, Mounting Hole Layout (Unit : mm)

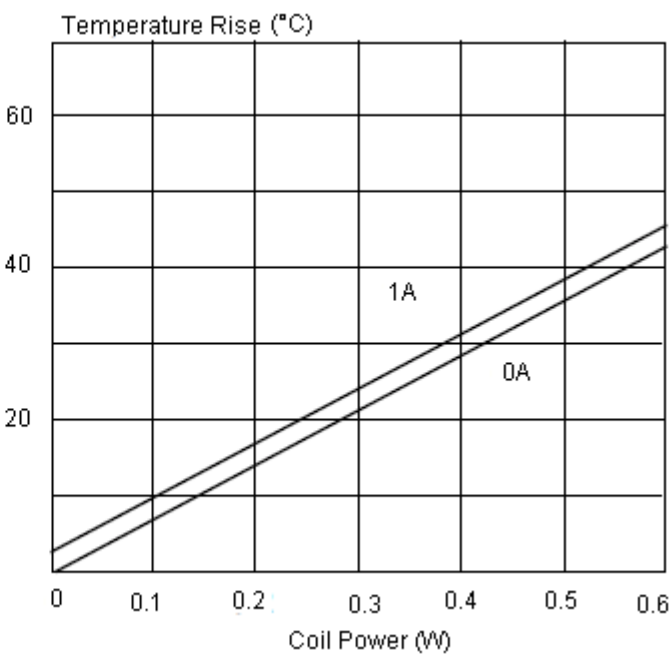


Characteristic Chart Data

Timing

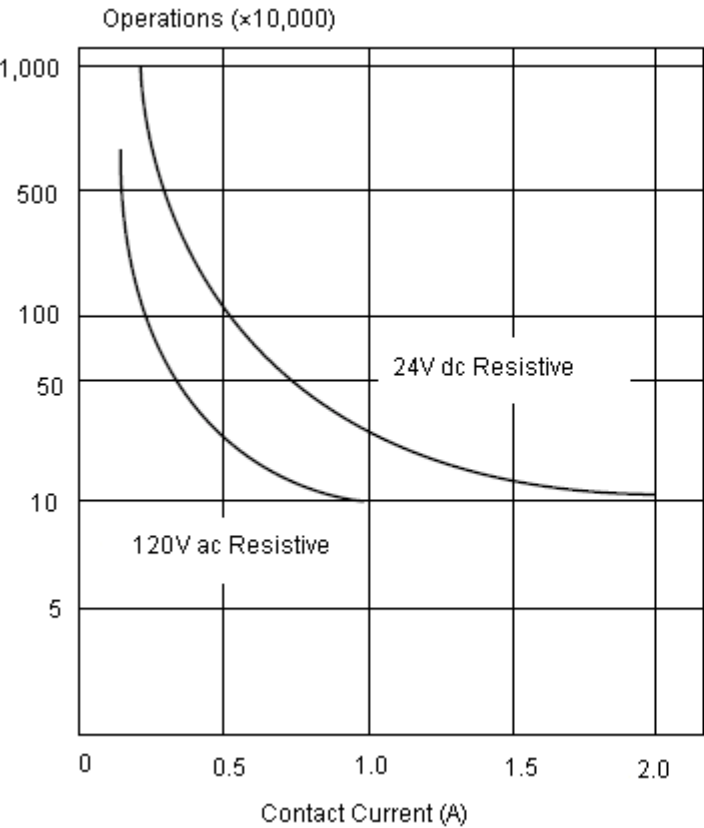


Coil Temperature Rise

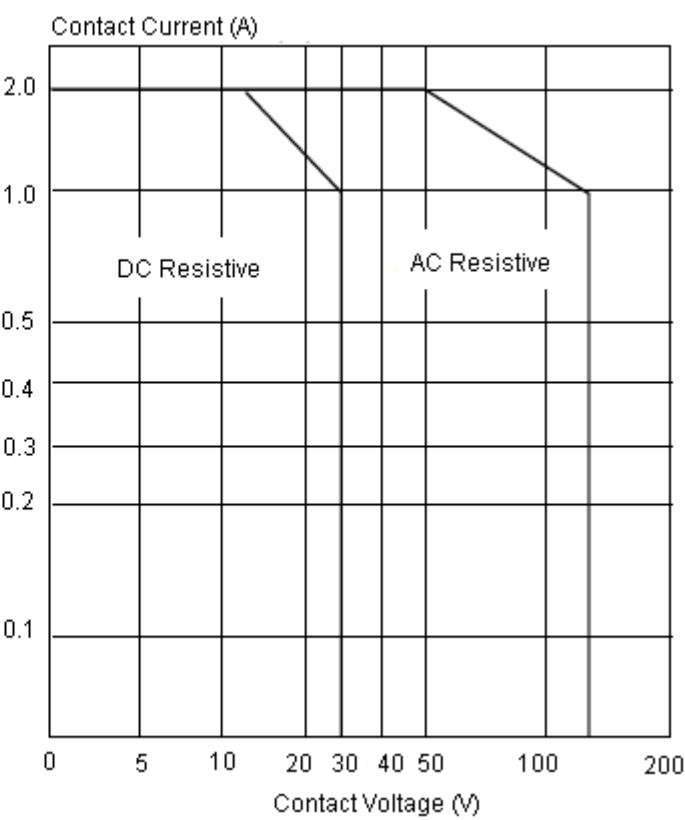


Characteristic Chart Data

Life Curves



Maximum Switching Power



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