Signal Relay

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Features:

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

Specifications:

Contact Data

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

Coil Data

Nominal Coil Power	200mW

General Data

Insulation Resistance		Min. 1,000MΩ 500V DC
Dielectric Strength	Between Open Contacts	500V AC,1 Min
	Between Coil and Contacts	1,000V AC,1 Min
Operate Time		Max. 7ms
Release Time		Max. 3ms
Operating Temperature		-25°C to +70°C
Humidity		35 to 95% RH, +40°C
Surge Strength		1,500V AC,10 × 160μs
Shock Resistance	Endurance	1,000m/s^2
	Misoperation	100m/s^2
Vibration Resistance	Endurance	10 to 55Hz, 1.5mm Double Amplitude
	Misoperation	

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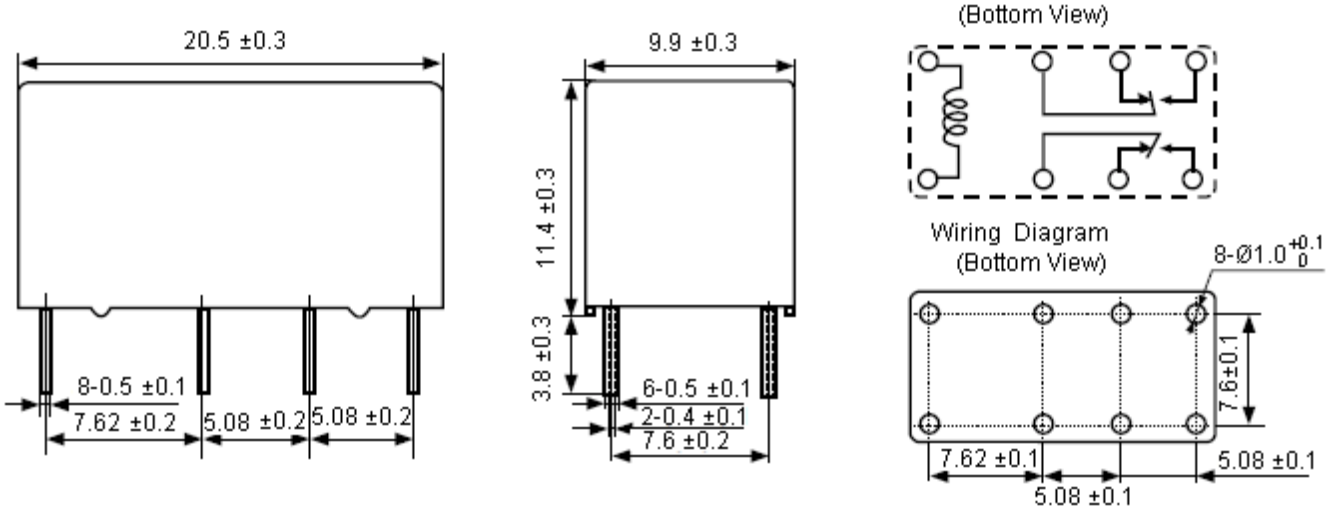
Coil Data:

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	200	HRS2H-S DC5V-N

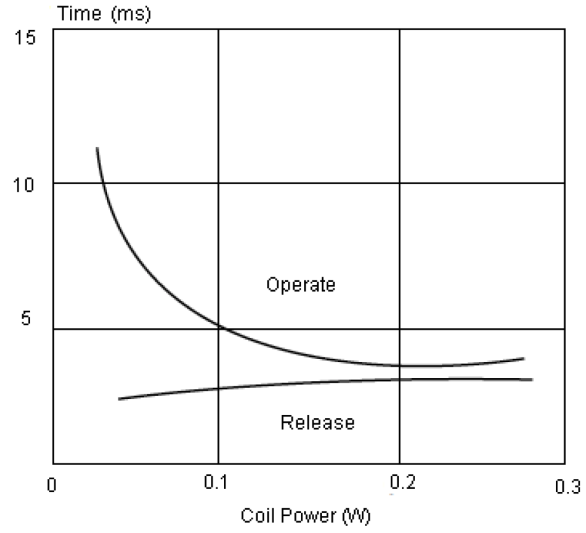
Out Line, Wiring Diagram, Mounting Hole Layout



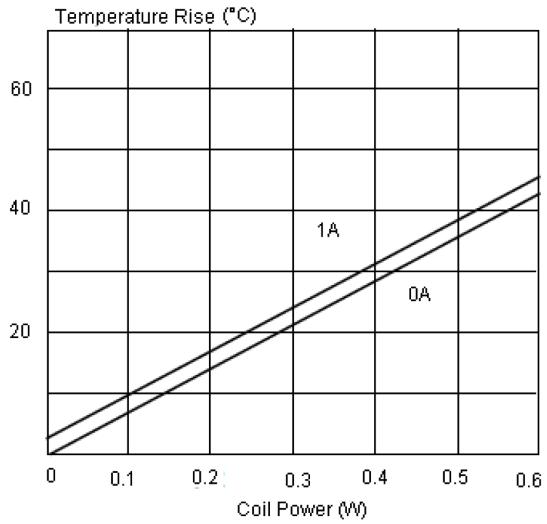
Dimensions : Millimetres

Characteristic Chart Data

Timing



Coil Temperature Rise



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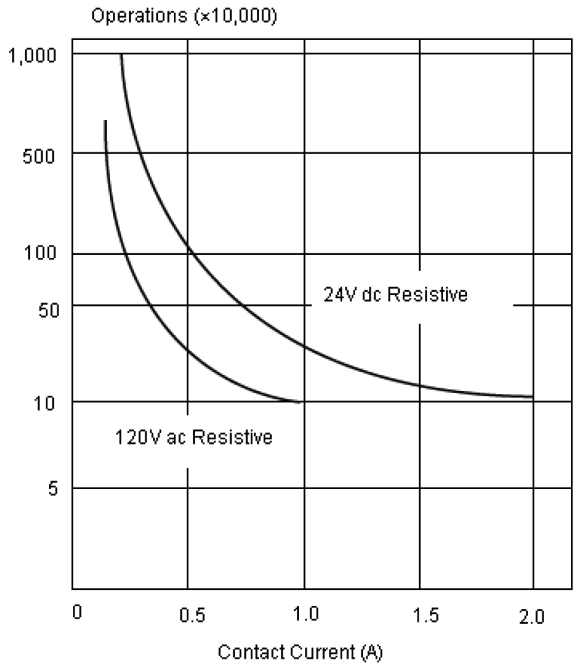
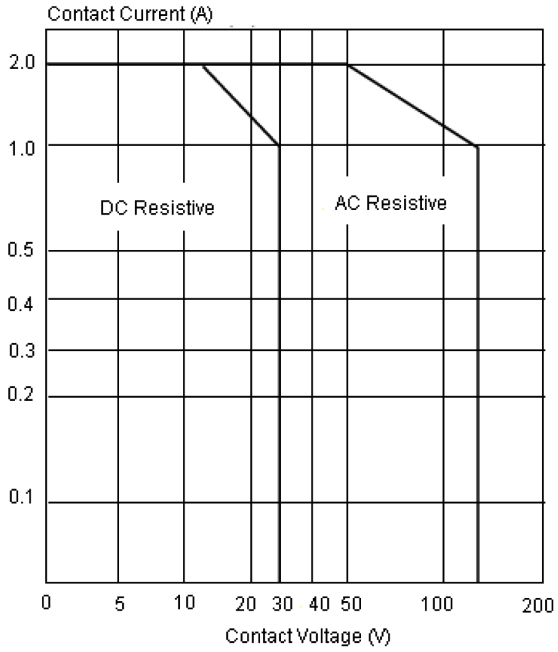
Life Curves



Maximum Switching Power



Part Number Explanation:

HRS2H	-	S	-	DC5V	-	N
Model		Enclosure		Coil Voltage		Coil Sensitivity

Enclosure : S - Plastic Sealed Type
Coil Voltage : 5V DC
Coil Sensitivity : N - 200mW

Remarks : Contact rating : 1A, 2A.

Part Number Table

Description	Part Number
Signal Relay	HRS2H-S DC5V-N

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