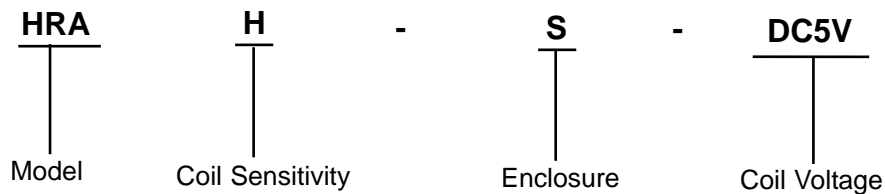




Features:

- 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

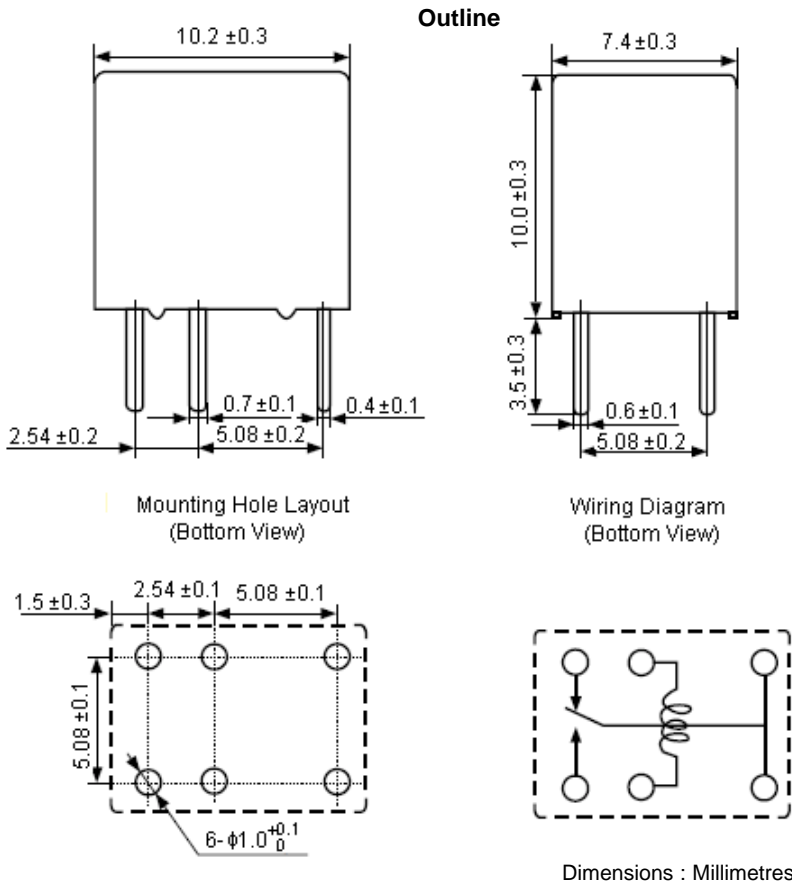
Coil Data		
Nominal Coil Power		330mW, 450mW
General Data		
Insulation Resistance		Minimum 100MΩ 500V dc
Dielectric Strength	Between Open Contacts	500V ac, 1 min
	Between Coil and Contacts	
Operate Time		Maximum 6ms
Release Time		Maximum 4ms
Operating temperature		-25°C to +70°C
Humidity		35 to 95%RH, +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

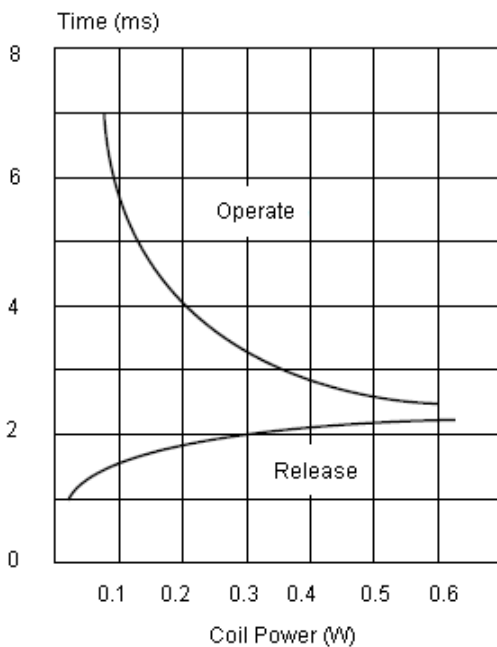
Nominal Voltage V dc	Coil Resistance Ω ±10%	Operate Voltage ≤ V dc	Release Voltage ≥ V dc	Coil Power mW	Part Number
5	55	3.5	0.5	450	HRA-S-DC5V-C
12	320	8.4	1.2		HRA-S-DC12V-C
24	1280	16.8	2.4		HRA-S-DC24V-C
5	75	3.5	0.5	330	HRAH-S-DC5V-C
12	440	8.4	1.2		HRAH-S-DC12V-C
24	1515	16.8	2.4	380	HRAH-S-DC24V-C

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

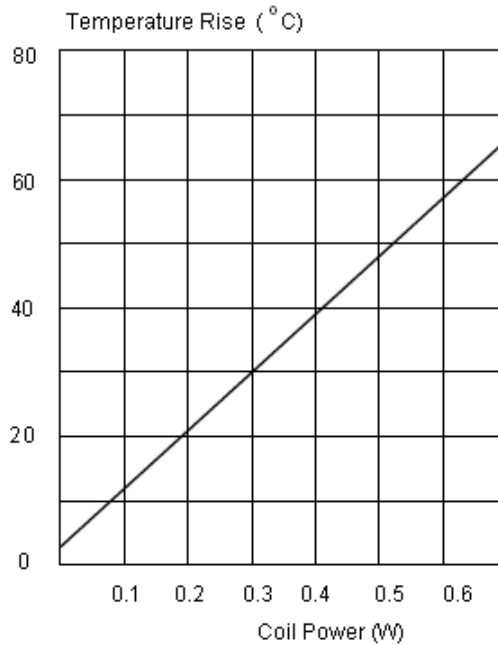


Characteristic Chart Data

Timing

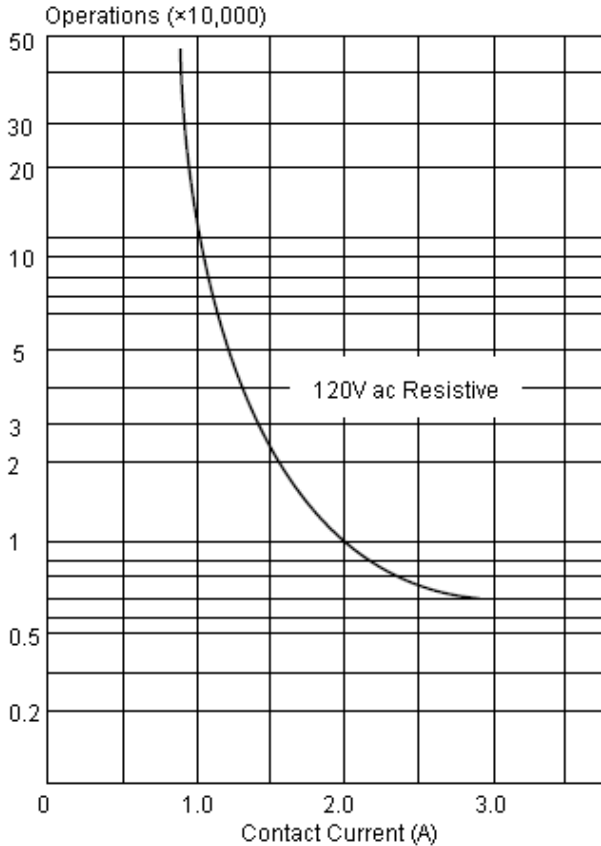


Coil Temperature Rise

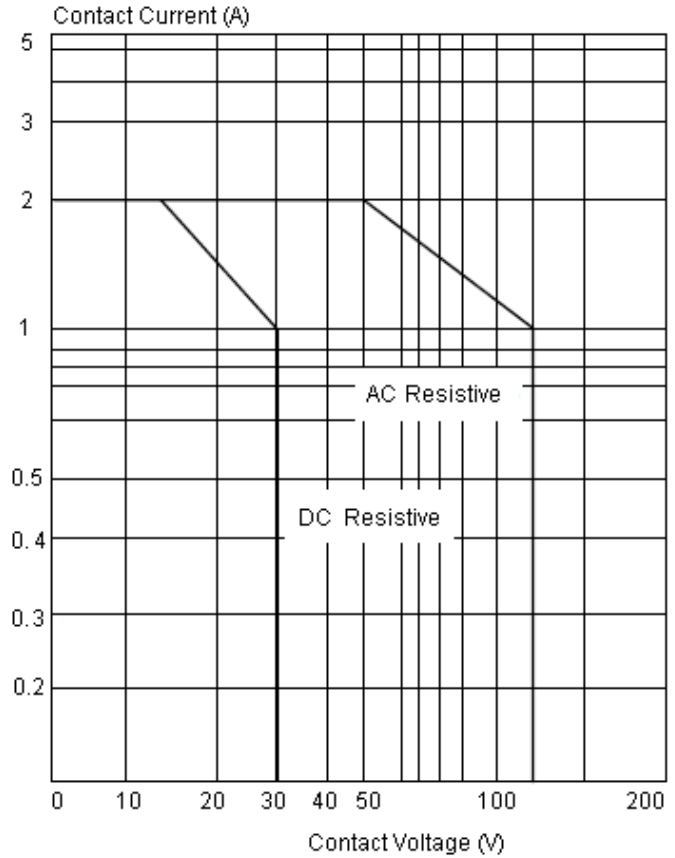


Characteristic Chart Data

Life Curves



Maximum Switching Power



Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp is the registered trademark of the Group. © Premier Farnell plc 2011.