

FEATURES

- 5A-10A contact capacity
- Low profile subminiature design
- 1 Form A contact form

TYPICAL APPLICATIONS

- Household appliance
- Office machine
- Vending machine
- Audio system

CONTACT RATING

Form	1 Form A (H)
Rated Load	5A, 250VAC/30VDC 10A, 125VAC
Max. Switching Voltage	250VAC
Max. Switching Current	10A
Max. Switching Power	1,250VA

CONTACT DATA

Material	AgCdO	
Initial Contact Resistance	100 mΩ max. at 0.1A, 6VDC	
Service Life	Mechanical	10 <sup>7</sup> ops.
	Electrical	10 <sup>5</sup> ops.

COIL DATA

Coil Voltage Code	Nominal Voltage (VDC)	Resistance (Ω) ±10%	Power Consumption	Must Operate Voltage max. (VDC)	Must Release Voltage min. (VDC)
003	3	20	0.45W	2.25	0.15
005	5	55		3.75	0.25
006	6	80		4.5	0.3
009	9	180		6.75	0.45
012	12	320		9.0	0.6
018	18	720		13.5	0.9
024	24	1280		18.0	1.2

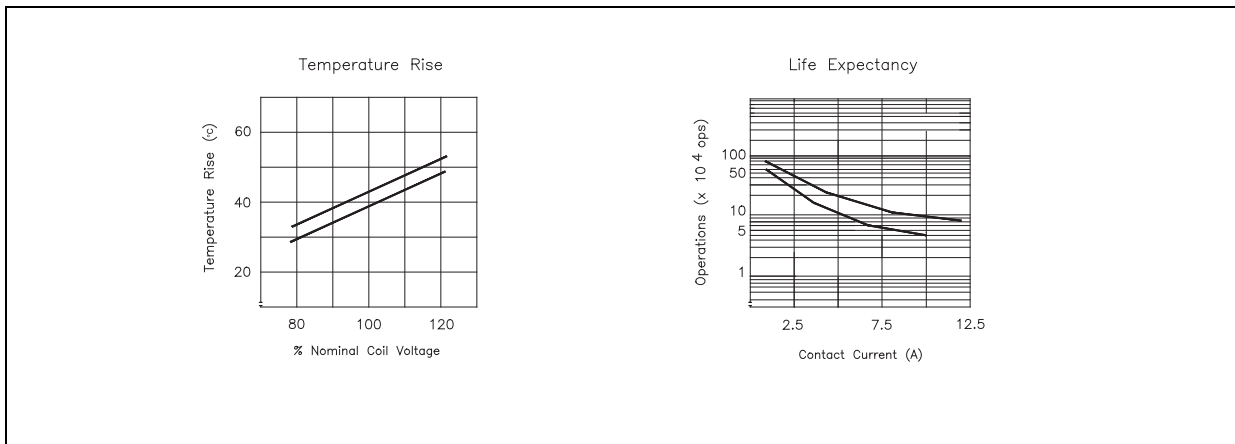
CHARACTERISTICS

Operate Time	8 ms. max.
Release Time	5 ms. max.
Insulation Resistance	100 MΩ, at 500 VDC, 50%RH
Dielectric Strength	2500 Vrms, 1 min. between coil and contacts 1000 Vrms, 1 min. between open contacts
Shock Resistance	10 g, 11ms. functional; 100g, destructive
Vibration Resistance	DA 1.5mm, 10 - 55 Hz, functional
Ambient Temperature	-40°C to 70°C
Weight	6 g, approx.

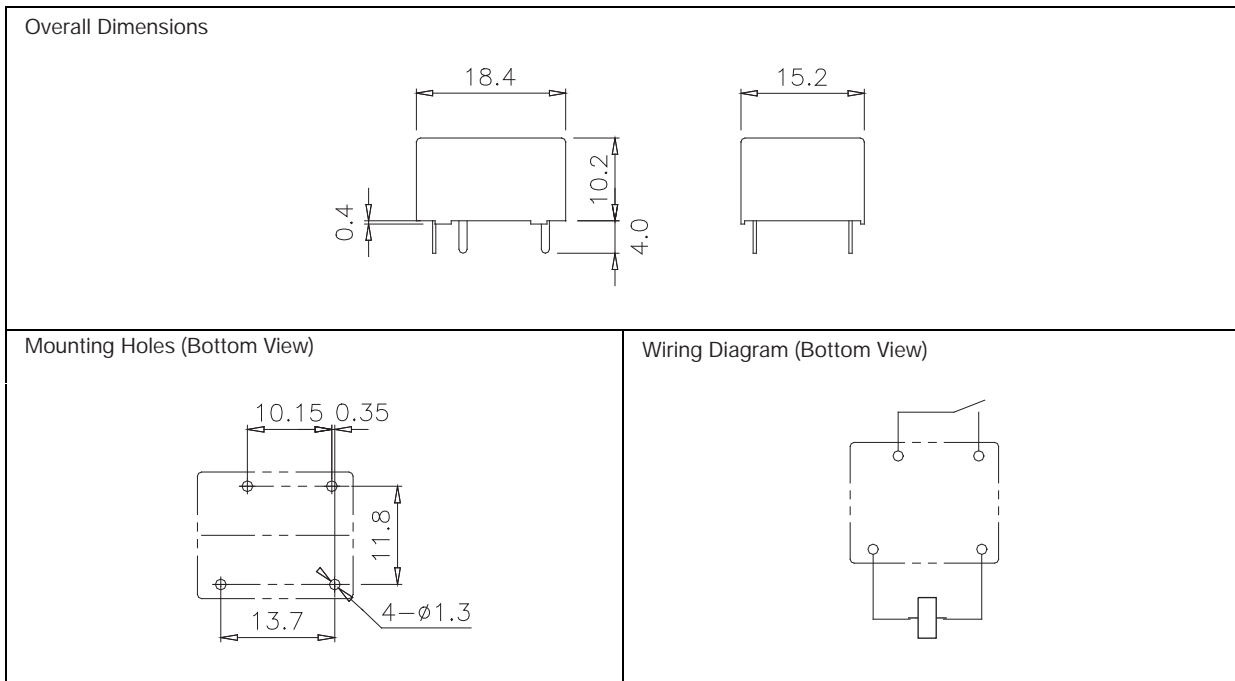
ORDERING DESIGNATION

Example:	HG4513 /	012 -	H	1	C
Model					
Coil Voltage Code					
Contact Form					
H: 1 Form A					
Version					
1: Sealed; 2: Dust Cover					
Contact Material					
C: AgCdO; S: AgSnOInO					

## REFERENCE CURVES



## OVERALL DIMENSIONS, MOUNTING HOLES AND WIRING DIAGRAM (mm)



## NOTES

1. All parameters, unless otherwise specified, are measured at ambient temperature 23°C.
2. Custom-made services available with operational quantity. Please let us know your special requirements.
3. Specifications subject to change without prior notice.

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