

HF**► FEATURES**

- 10A switching capabilities
- SPST-NO and SPDT configurations
- Subminiature, standard PC layout



Size (L x W x H)
20.5 x 10.6 x 15.3mm

► CONTACT DATA

Contact Form		1A	1C	
Contact Material		Silver alloy		
Contact Ratings		5A 250VAC 5A 30VDC 10A 125VAC	NO	NC
			5A 250VAC 5A 30VDC 10A 125VAC	3A 250VAC 3A 30VDC
Contact resistance		100mΩ Max at 24VDC 1A		
Max. Switching Voltage		277VAC / 30VDC		
Max. Switching Current		10A	3A	
Max. Switching Power		1250VA / 150W	750VA / 90W	
Nominal coil power		Standard:0.45W, Sensitive:0.2W		
Life Expectancy	Electrical	100,000 Operations (at 30 ops a minute)		
	Mechanical	10,000,000 Operations		

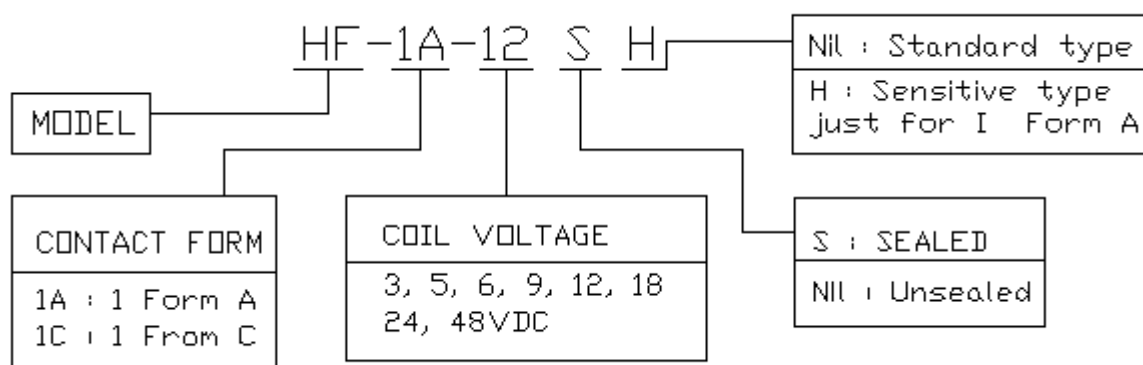
► OPERATION CONDITION

Insulation Resistance		1000M ohm min (at 500VDC)
Dielectric Strength	Between open Contacts	1,000VAC (For one minute)
	Between coil & Contacts	4,000VAC (For one minute)
Surge Voltage between Contacts and coil		8000V (at 1.2X50us)
Operate time		8ms
Release Time		5ms
Shock resistance	Operating Extremes	100m/s ²
	Damage Limits	1,000m/s ²
Vibration resistance		1.6mm, 10 to 55Hz
Humidity		35~95%
Temperature Range		-40 ~ 70℃
Weight		Approx 7g
Safety Standard (UL)		E197546

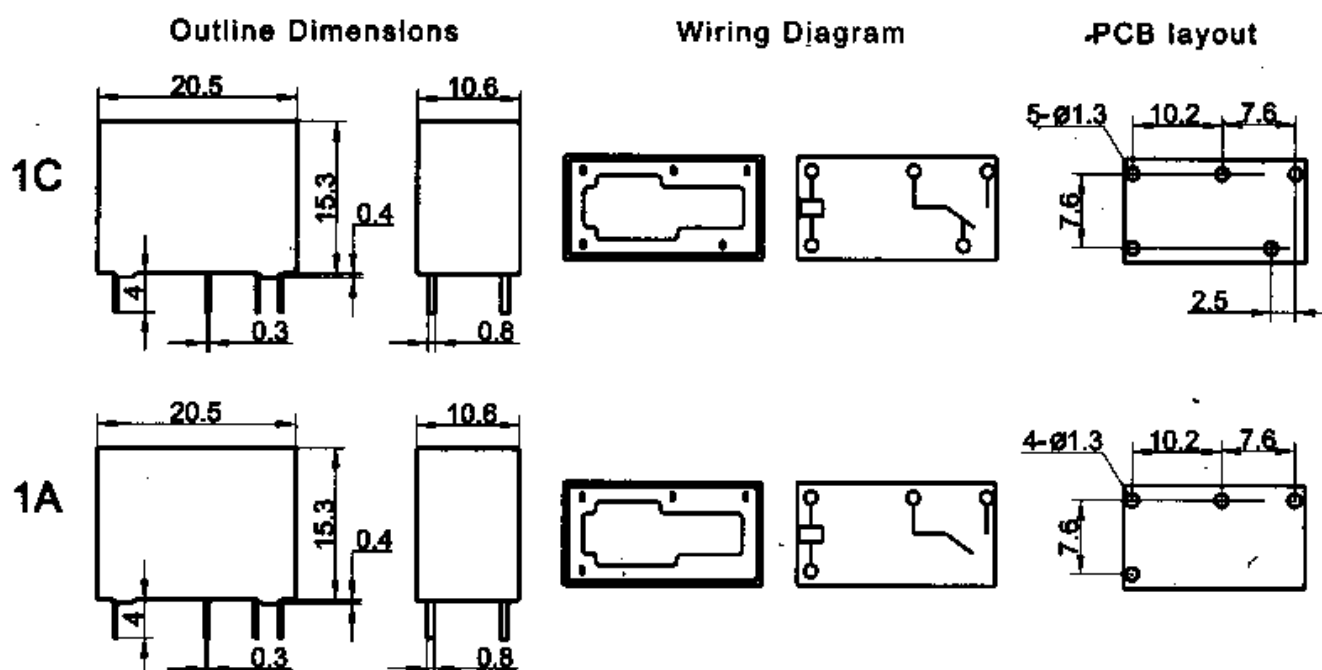
► COIL PARAMETER

Nominal Voltage (VDC)	Max Operate Voltage	Min. Release Voltage	Max. Applicable Voltage	Coil Resistance at 20 C (Ω)	
				Standard (1A, 1C)	Sensitive (1A)
3	2.25	0.15	3.9	20+/-10%	45+/-10%
5	3.75	0.25	6.5	55+/-10%	125+/-10%
6	4.5	0.3	7.8	80+/-10%	180+/-10%
9	6.75	0.45	11.7	180+/-10%	400+/-10%
12	9.0	0.6	15.6	320+/-10%	720+/-10%
18	13.5	0.9	23.4	720+/-10%	1600+/-10%
24	18	1.2	31.2	1280+/-10%	2800+/-10%
48	36	2.4	62.4	5120+/-10%	

► ORDERING INFORMATION

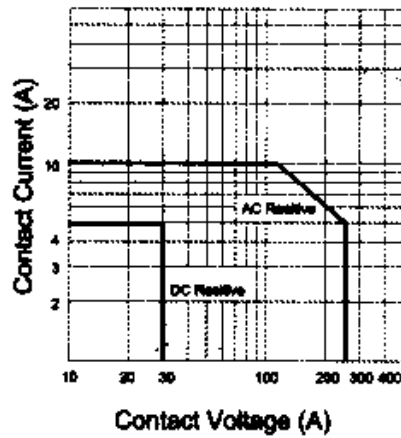


► DIMENSIONS (UNIT: MM)

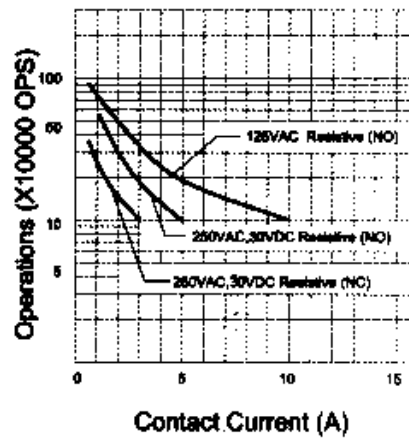


► USEFUL CURVE

MAXIMUM SWITCHING POWER



LIFE CURVE



COIL TEMPERATURE RISE

