



HANDOUK

Power Relay: HE

HE

► FEATURES

- 10A Switching capabilities.
- SPST configurations.
- Subminiature, PCB layout
- Sealed and unsealed type available

Size (L x W x H)
18.8 x 10.6 x 15.6mm



► CONTACT DATA

Contact Form		1 Form A (SPST)		1 Form C (SPDT)
Contact Ratings		Standard	High Capacity	3A 240VAC 3A 30VDC
		10A 120VAC 5A 240VAC 5A 30VDC	10A 250VAC 10A 240VAC	
Contact Material		Silver Alloy		
Max. Switching Voltage		250VAC / 30VDC		
Max. Switching Current		10A		
Max. Switching Power		1,200VA/150W		
Contact Resistance		100m Ω Max at 24VDC 1A		
Life Expectancy	Electrical	100,000 Operations (at 30 ops a minute)		
	Mechanical	10,000,000 Operations		

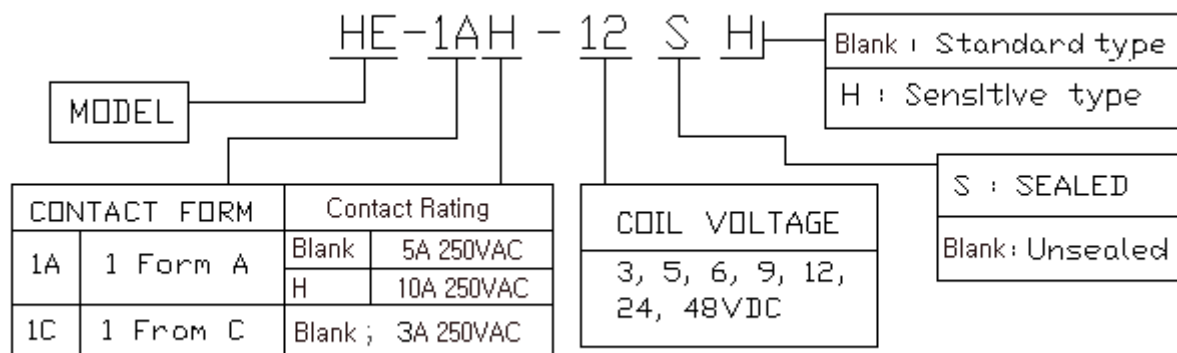
► OPERATION CONDITION

Insulation Resistance		100MΩ min (at 500VDC)
Dielectric Strangth	Between open Contacts	750VAC (For one minute)
	Between coil & Contacts	2,500VAC (For one minute)
Operate time		8ms
Release Time		5ms
Shock resistance	Operating Extremes	10G
	Damage Limits	100G
Vibration resistance		10~55Hz Double amplitude
Humidity		35~95%
Temperature Range		-40 ~ 70℃
Weight		Approx 6g
Safety Standard (UL)	cULus	E197546
	TUV	R50162334

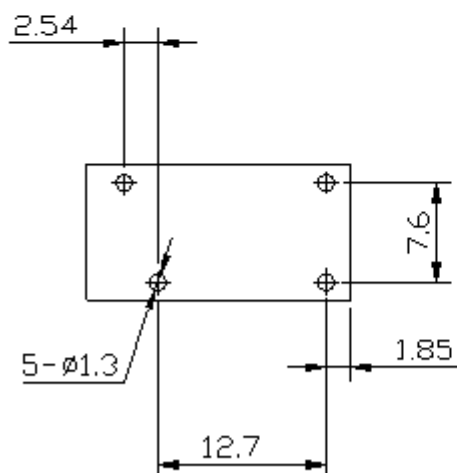
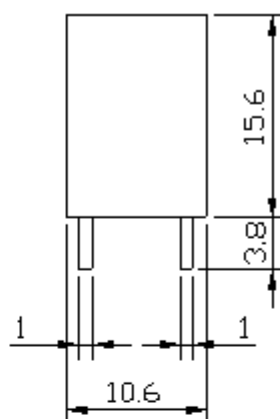
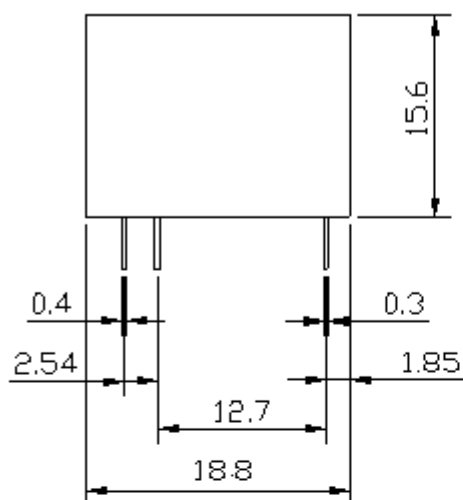
► COIL PARAMETER

Nominal Voltage (VDC)	Coil Resistance at 20 C (Ω)		Max Operate Voltage	Min. Release Voltage	Max. Applicable Voltage
	Standard	Sensitive			
3	20 +/-10%	45 +/-10%	2.25	0.15	3.9
5	55 +/-10%	125 +/-10%	3.75	0.25	6.5
6	80 +/-10%	180 +/-10%	4.50	0.30	7.8
9	180 +/-10%	400 +/-10%	6.75	0.45	11.7
12	320 +/-10%	720 +/-10%	9.00	0.60	15.6
18	720 +/-10%	1600 +/-10%	13.5	0.90	23.4
24	1280 +/-10%	2800 +/-10%	18.0	1.20	31.2

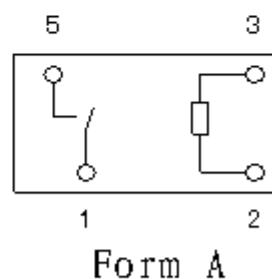
► ORDERING INFORMATION



► DIMENSIONS (UNIT: MM)



(Bottom View)



Form A