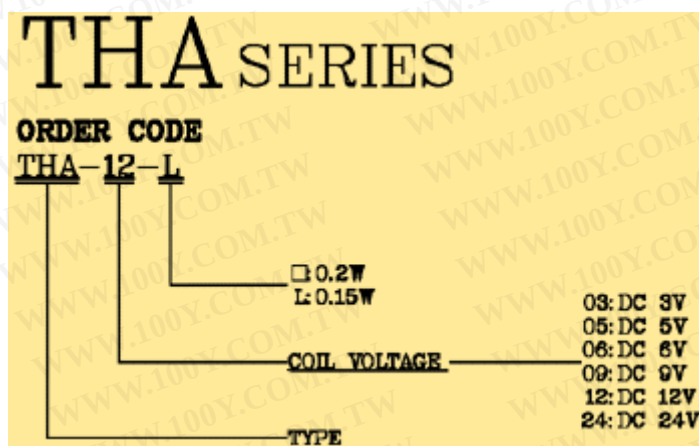


THA SERIES



Main Features:

- Ultra small size (12.50x 7.50x 10.00), single pole Relay.
- High sensitive (150mw) type & Standard (200mw) type.
- Plastic sealed type.
- DIL pitch terminal.

COIL RATING (at 20°C)

NOMINAL VOLTAGE (VDC)	COIL RESISTANCE (Ω) (+/- 10%)	POWER CONSUMPT -ION (W)	NOMINAL CURRENT (mA) (+/- 10%)	PULL IN VOLTAGE (VDC)	DROP OUT VOLTAGE (VDC)	MAX. ALLOWABLE VOLTAGE (VDC)
3V	45 Ω	0.2W	66.7 mA	75% MAX.	10 % MIN.	130 %
5V	125 Ω		40.0 mA			
6V	180 Ω		33.3 mA			
9V	405 Ω		22.2 mA			
12V	720 Ω		16.7 mA			
24V	2880 Ω		8.3 mA			

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

	NOMINAL VOLTAGE (VDC)	COIL RESISTANCE (Ω) (+/- 10%)	POWER CONSUMPT -ION (W)	NOMINAL CURRENT (mA) (+/- 10%)	PULL IN VOLTAGE (VDC)	DROP OUT VOLTAGE (VDC)	MAX. ALLOWABLE VOLTAGE (VDC)
L	3V	60 Ω	0.15W	50.0 mA	75% MAX.	10 % MIN.	130 %
	5V	167 Ω		30.0 mA			
	6V	240 Ω		25.0 mA			
	9V	540 Ω		16.7 mA			
	12V	960 Ω		12.5 mA			
	24V	3840 Ω		6.3 mA			

PERFORMANCE (at initial value)

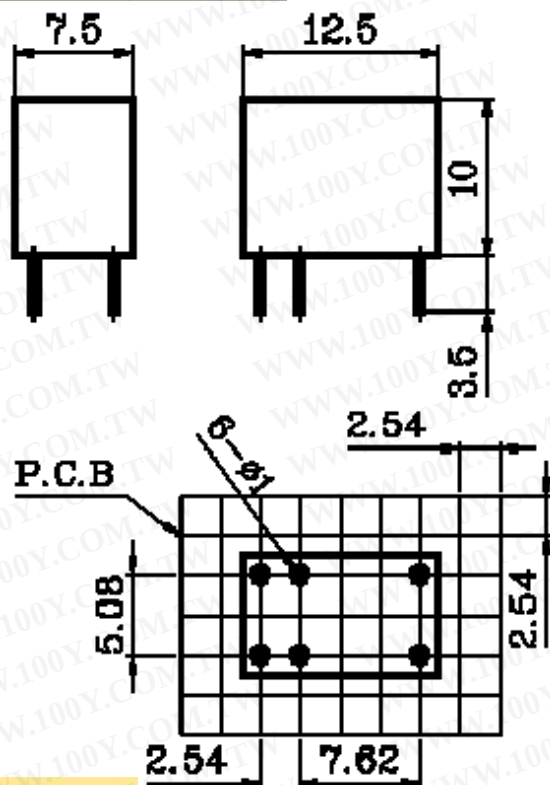
Item	Type	1A
Contact Resistance		100m Ω Max. (initial value)
Operate Time		5msec Max.
Release Time		5msec Max.
Dielectric Strength		AC 1000V (1min) AC 500V (1min)
	between coil & contact between contact	
Insrlation Resistance		100M Ω Min.(DC 500V)
Operating Ambient Temperature		-40°C ~ +70°C
Humidity		35 to 85% RH
Vibration Resistance		10G (10~55Hz)(Dual amplitude: 1.5mm)
Shock Resistance		10G
Life Expectancy		10,000,000 ops. Min. (1800 ops./h) 100,000 ops. Min. (1200 ops./h)
	Mechanically Electrically	
Weight		1.8g (about)

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

CONTACT RATING

Item	Type	1A
Rated Carrying Current		AC 125V 0.5A DC 60V 0.3A DC 30V 1A
Max. Allowable Current		1A
Max. Allowable Voltage		AC 125V DC 60V
Max. Current (continual)		1A
Min. Load		DC 5V 10mA
Contact Material		Ag alloy

DIMENSIONS (Unit : mm)



WIRING DIAGRAMS (Bottom View)



勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)