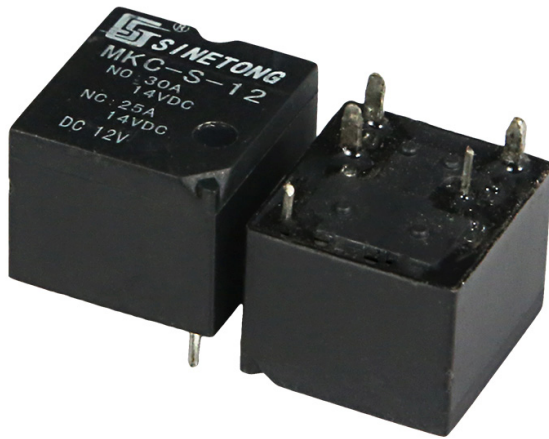




MK

(12.9*12*9.9)mm

QUICK DETAILS

Brand Name:SINETONG

Model Number:MKC

Size:Miniature

Theory: Electromagnetic Relay

Contact Load: High Power

PRODUCT ADVANTAGE

- 1.Subminiature, high power auto relay
- 2.Max. current to 30A
- 3.Single relay in 4 g ,which can provide double independent relay

ORDER INFORMATION

MK1 C - S - 12 - H

1 2 3 4 5

1.Model Number: MK1: Single relay MK2: Double relays

2.Contract Form: C: Conversion type; A: Normal Open

3.Construction: S: Sealed ; E: Prevent solder

4.Rated voltage: 6, 10, 12, 24VDC

5.Customer specific model: H: 0.8W L: Lamp load SL: Flash light load

CONTACT DATA

Contact Form	Single relay: NO 1A, Conversion 1C Double relay: NO 2A, Conversion 2C
Contact Material	AgSnO ₂ AgNi
Max. Continuous Current	NO: 30A(20°C 1h) NC: 25A(20°C 1h)
Max. Switching Voltage	14VDC
Max. Switching Current	30A
The Min. Load	1A/6VDC
Contact Resistance	100mΩ(1A 6VDC)
Mechanical Life	10 ⁷

COIL DATA (20°C)

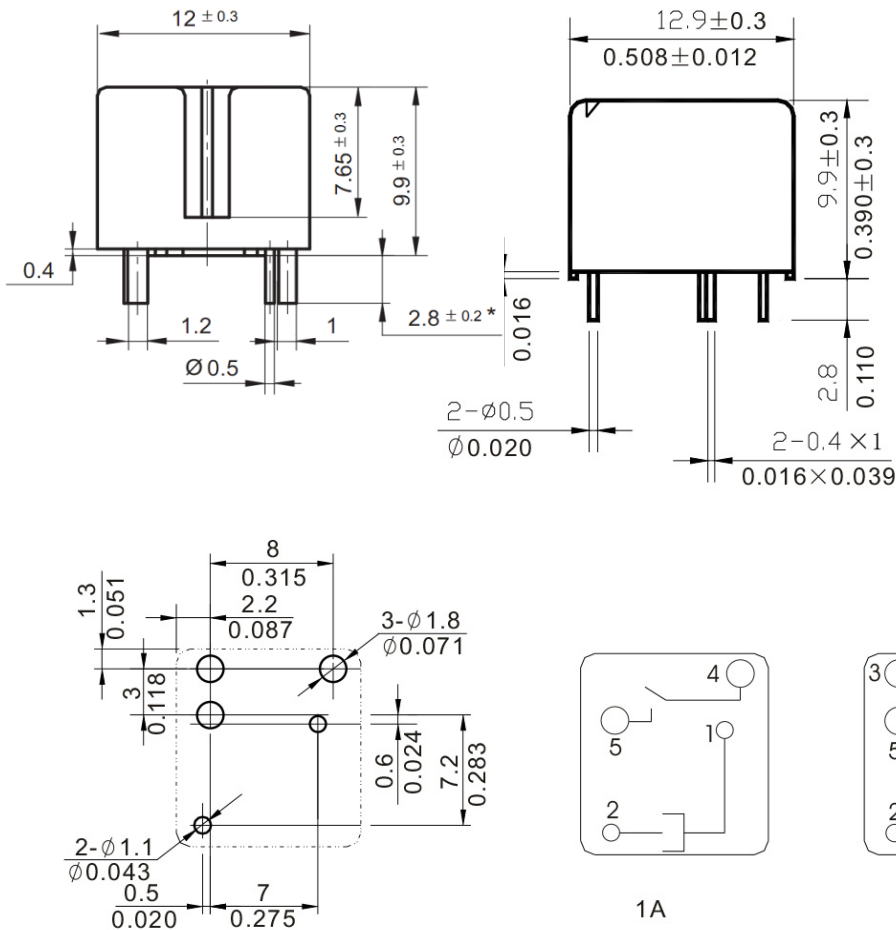
Coil Rated Voltage (VDC)	Pick-up Voltage (VDC) Max.	Drop-out Voltage (VDC) Min.	Coil Resistance R(1±10%) Ω	Power (W)	Max Coil Voltage	
					20°C	85°C
6	3.5	0.75	63	0.55	13.2	7.8
10	6.0	1.25	181	0.55	22	13
12	7.0	1.5	255	0.55	26	16
	6.9	1.5	181	0.80	22	13
24	14.0	3.0	1050	0.55	52	32

GENERAL DATA

Insulation Resistance	100MΩ (500VDC)
Dielectric Strength	500VAC 1min
Operating Time	≤10ms Typical ≤ 4ms
Release Time	≤10ms Typical ≤ 3ms
Shock Resistance	294 m/s ²
Vibration Resistance	10Hz~500Hz 58.8m/s ²
Terminal Form	PCB
Soldering Temperature	(250±3) °C , (3±0.3) s
Ambient Temperature	-40°C ~ 105 °C

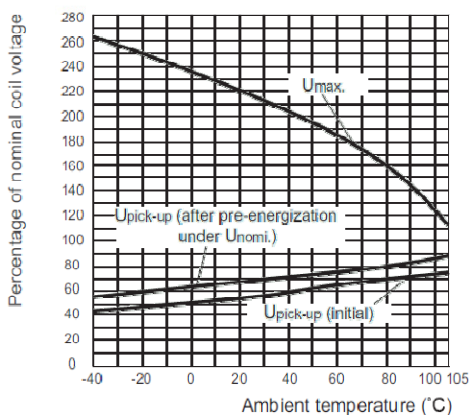
Construciton	Sealed and Solder
Weight	Single relay: About 4g; Double relay: About 8g

Outline Dimension (Unit:mm)



Reference Data

1. Coil operating voltage range



2. Reflow soldering, temperature on PCB board. (Recommended soldering temperature, only for reflow soldering version)

