



# BMF

(17.5\*15\*20)mm

## **QUICK DETAILS**

Brand Name: SINETONG

Model Number: BMF

Size: Miniature

Contact Load: High Power

Theory: Electromagnetic Relay

## **PRODUCT ADVANTAGE**

- 1.Small volume and light weight
- 2.Max. Switching power 20A
- 3.Environment-friendly products
- 4.Heat resistant performance F Class
- 5.Used for home appliances, automatic control system, car auxiliary device

## **ORDER INFORMATION**

BMF - 12 S - 2 A

1    2   3   4   5

1. Model Number: BMF
2. Rated Voltage: 6, 9, 12, 18, 24VDC
3. Construction: S: Dust-proof Type; No S: Open-type
4. Coil Number: 1: One Group;    2: Two Groups
5. Contact Form: A: Normal Open;    C: Conversion Type

BMF    [www.sinetong.com.sg](http://www.sinetong.com.sg)

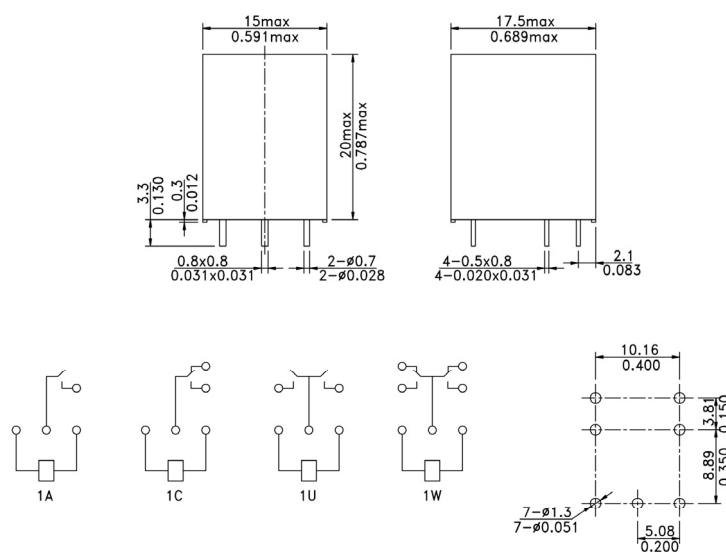
## CONTACT DATA

|                        |                                                                                       |
|------------------------|---------------------------------------------------------------------------------------|
| Contact Form           | 1A, 1C, 2A, 2C                                                                        |
| Contact Material       | AgSnO <sub>2</sub> AgNi                                                               |
| Rated Load             | 1A, 1C: 10A/120VAC, 28VDC    20A/14VDC<br>2A, 2C: 2* 10A/120VAC, 28VDC    2*20A/14VDC |
| Coil Power             | 1.0 ~ 1.44W                                                                           |
| Max. Switching Power   | 1C:280W,1200VA    2C:2*280W,2*1200VA                                                  |
| Max. Switching Voltage | 75VDC    380VAC                                                                       |

## GENERAL DATA

|                       |                                     |                   |
|-----------------------|-------------------------------------|-------------------|
| Dielectric Strength   | Between Coil & Contacts             | 1500VAC 1min      |
|                       | Disconnect      Between<br>Contacts | 750VAC    1min    |
| Insulation Resistance |                                     | 100MΩ (500VDC)    |
| Ambient Temperature   |                                     | -40°C~105°C       |
| Contact Resistance    |                                     | ≤100mΩ            |
| Electrical Life       |                                     | 5*10 <sup>4</sup> |
| Mechanical Life       |                                     | 10 <sup>7</sup>   |

## Outline Dimension (Unit:mm)



## Reference Data

