



BM734

(23*15.3*25.5)mm

QUICK DETAILS 特点

Brand Name: Sinetong

Model Number:BM734

Theory: Automotive Relay

Size: Miniature;

Contact load capacity up to 40A;

PC board mounting;

Suitable for automation system and automobile auxiliary etc

ORDER INFORMATION 订购说明

BM734 - 12 -A - R 1.6 XXX

1 2 3 4 5 6

1 Part number 继电器型号: BM734

2 Coil rated Voltage(VDC)线圈额定电压: 6: 6V; 12:12V; 24: 24V;

3 Contact Form 触点形式: A: 1A; C: 1C;

4 Coil transient suppression 线圈瞬态抑制: R: with resistance 带电阻; Nil: standard 常规

5 Coil power 线圈功率: 1.6: 1.6W(standard); 1.2: 1.2W

6 XXX: Customer special specification 客户特殊要求

COIL DATA

NO.	Coil voltage (VDC)		Coil resistance $\Omega \pm 10\%$		Pickup voltage VDC(Max.)	Drop-out voltage VDC(Min.)	Coil Power	Operate Time	Release Time
	Rated	Max.	Coil	Parallel resistance					
012	12V	15.6	125	680	7.8	1.2	1.2W	≤ 10 ms	≤ 10 ms *1)
024	24V	31.2	500	700	15.6	2.4			
012	12V	15.6	90	680	7.8	1.2	1.6W	≤ 15 ms	≤ 15 ms *2)
024	24V	31.2	360	700	15.6	2.4			

CAUTION: 1). If the working coil voltage is less than rated, it will compromise the operation of the relay.

2). Operating and release voltages are for testing purpose only, not to be used as design criteria

CONTACT DATA (at 20°C)

Contact Form	1A 1C	
Contact Material	Ag Alloy	
Contact Load	NO: 40A/14VDC NC: 30A/14VDC	
Max. Switching Power	560W	
Max. Switching Voltage	75VDC	
Max. Switching Current	40A ;	
Contact Resistance	≤ 100 m Ω (1A , 24VDC)	
Life	Electrical	1×10^5
	Mechanical	10^7

GENERAL DATA

Insulation Resistance	100M Ω (500VDC)
Dielectric Strength	Disconnect Between Contact:500VAC
	Between Coil & Contacts :750VAC/min
Solderability	235°C \pm 2°C 3 \pm 0.5s
Terminals strength	50N
Shock resistance	147m/s ² 11ms
Anti Vibration Type	10~40Hz double amplitude 1.27mm, 40~70Hz 50m/s ² 70~100Hz double amplitude 0.5m, 100~500Hz 100m/s ²
Ambient Temperature	-40°C~85°C (No freezing)
Relative Humidity	95%RH, 45°C
Weight	About 19g

