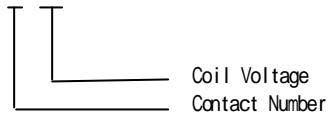


# Small stand Type (1\_2a Reed Relay)

## Part number • Feature

BMG-\*0\*\*



Since it is stand-type of compact and lightweight,  
The necessary occupancy area of a printed circuit board is a very small.  
Because of inch-pitch terminal assignment, mounting is easy.  
Magnetic-shield is provided. Therefore adjacent mounting is possible

## Performance

Specifications	Item	Standard
Contact Specifications	Contact Form	1a, 2a (make)
	Contact Rating	10W
	Max. Switching Voltage	DC.100V
	Max. Switching Current	0.5 A
	Max. Carry Current	1.0 A
	Contact Resistance	150 m MAX (Initial)
Electrical Specifications	Breakdown Voltage	Open Contacts DC.200V (1 min) Contact to coil DC.500V (1min)
	Insulation Resistance	Between all isolated pins $1 \times 10^9$ MIN (DC.100V)
	Capacitance	Open Contacts 1.5pF TYP.
	Thermal Electromotive Force	40 $\mu$ V TYP.
	Operate Time	(incl. bounce) 1.0 mS MAX. (at Nominal Voltage)
	Release Time	0.5 mS MAX. (at Nominal Voltage)
Mechanical Specifications	Vibration	20G (0 to 2KHz 1.5mm)
	Shock	30G (11ms 1/2 Sin Wave)
Environment	Operating Temperature	-10 to +60
Life Expectancy	Mechanical	1X10 <sup>8</sup> MIN. Operations
	Electrical	DC.10V-4mA 5X10 <sup>7</sup> MIN. Operations (R.L.)

## Coil Specifications

Contact Form	Part Number	Nominal Voltage DC. $\pm 10\%$ (V)	Coil Resistance $\pm 10\%$ ( )at20	Nominal Current (mA)	Must Operate Voltage MAX. (V)at20
1a	BMG-1024	24	2450	9.8	16.8
	BMG-1012	12	760	15.8	8.4
	BMG-1005	5	230	21.7	3.8
2a	BMG-2024	24	1000	24.0	16.8
	BMG-2012	12	400	30.0	8.4
	BMG-2005	5	100	50.0	3.8

## Dimensions /Terminal Identification (Unit:mm)

Dimensions / Terminal Identification	
<p>BMG-1000</p> <p>weight about 3.0gr.</p>	<p>BMG-2000</p> <p>weight about 3.1gr.</p>

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