

## Contact Data

Contact Form	: 1 form C
Contact Material	: AuAg overlay, Ag Alloy
Contact Rating	: 1A 120V AC / 24V DC
Max. Switching Voltage	: 220V AC / 30V DC
Max. Switching Current	: 2A
Max. Switching Power	: 120VA, 30W
Min. Switching Load	: 5V DC, 10mA
Max. Contact Resistance	: 50mΩ (6V DC 0.1A)

## Life

Electrical	: 100,000 operations at nominal load
Mechanical	: 5,000,000 operations

## General Data

Min. Insulation Resistance	: 1000MΩ 500V DC
Dielectric Strength	: 750V AC, 1 min between open contacts 1000V AC, 1 min between coil and contacts.
Surge Strength	: 15,000V AC
Operate Time	: Maximum 5ms.
Release Time	: Maximum 5ms.
Operate Temperature	: -40°C to +70°C

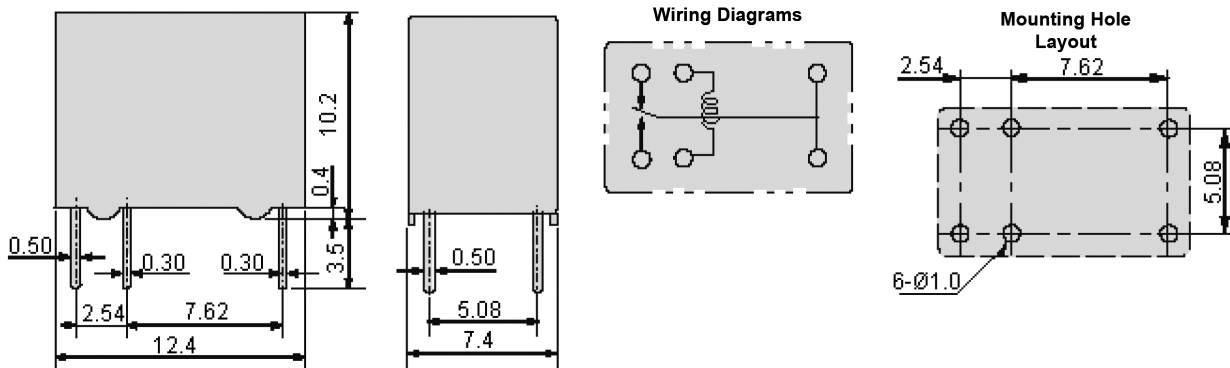
## Shock Resistance

Endurance	: 1000m/s <sup>2</sup>
Misoperation	: 100m/s <sup>2</sup>

## Vibration Resistance

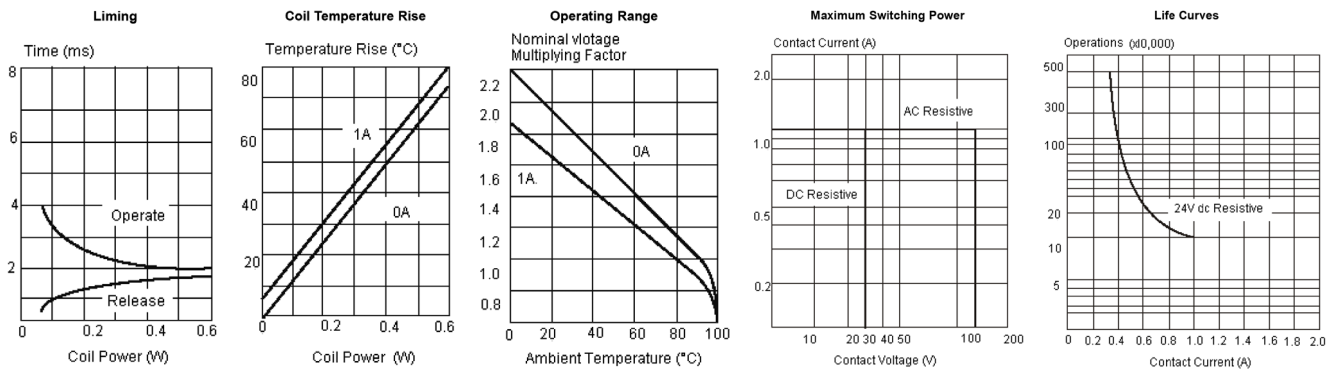
Endurance	: 10 to 55Hz, 1.5mm double amplitude
Misoperation	: 10 to 55Hz, 1.5mm double amplitude
Humidity	: 35% to 95%RH, +40°C

## Diagram



Dimensions : Millimetres

## Characteristic Chart Data



## Coil Data Chart 20°C

Nominal Voltage V DC	Coil Resistance $\Omega \pm 10\%$	Operate Voltage $\leq V$ DC	Release Voltage $\geq V$ DC	Coil Power mW	Enclosure	Part Number
5	167	3.75	0.5	150	Plastic Sealed Type	MC25120
24	3291	18	2.4	175		MC25121
12	960	9	1.2	150		MC25122

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