



Coil Data

Nominal Voltage	: 12V DC
Coil Resistance	: Refer to coil data chart
Operate Voltage	: Refer to coil data chart
Release Voltage	: Refer to coil data chart
Coil Power	: 360mW, 800mW

Contact Data

Contact Form	: A-1 form A, C-1 form C
Contact Material	: Ag Alloy
Contact Rating	: 15 A 14 V dc Resistive (C-1 form C) 20 A 14 V dc Resistive (A-1 form A)
Max. Switching Voltage	: 75V DC
Max. Switching Current	: 20A
Max. Switching Power	: 280W
Contact Resistance	: ≤100mΩ (6V DC 1A)

Life

Electrical	: 100,000 operations at nominal load
Mechanical	: 10,000,000 operations

General Data

Min. Insulation Resistance	: 100MΩ 500V DC
Dielectric Strength	: 750V AC, 1 min between open contacts 1,000V AC, 1 min between coil and contacts
Max. Operate Time	: 15 ms
Max. Release Time	: 10 ms
Operate Temperature	: -40°C to +85°C

Shock Resistance

Endurance	: 1,000 m/s ²
Mis-operation	: 100 m/s ²

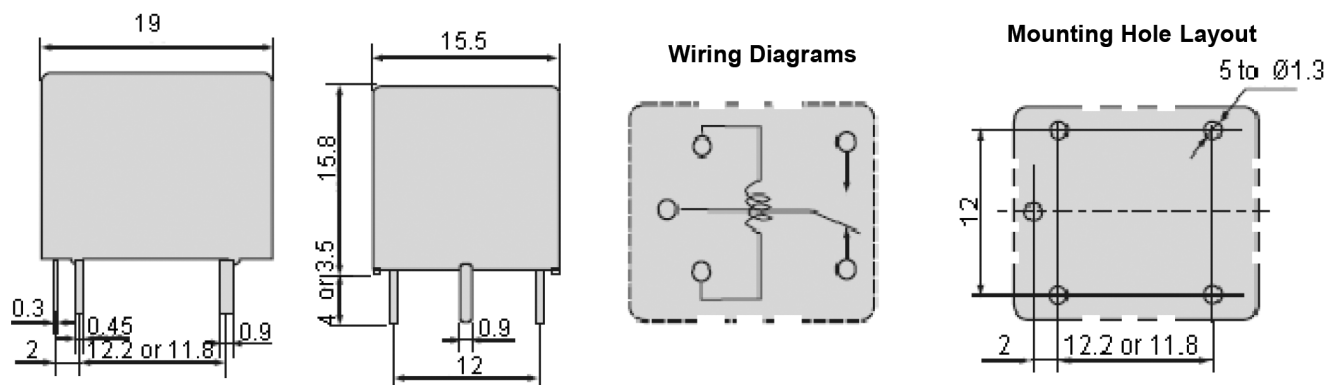
Vibration Resistance

Endurance	: 10-55 Hz, double amplitude 1.5 mm
Mis-operation	: 10-55 Hz, double amplitude 1.5 mm
Weight	: Approximately 10g

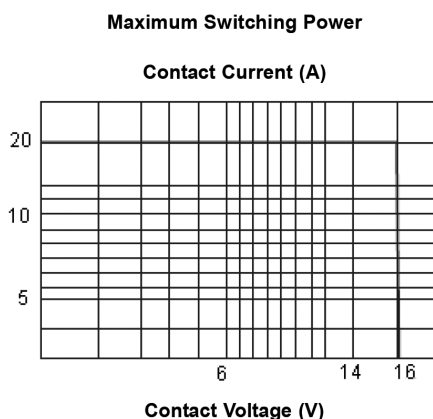
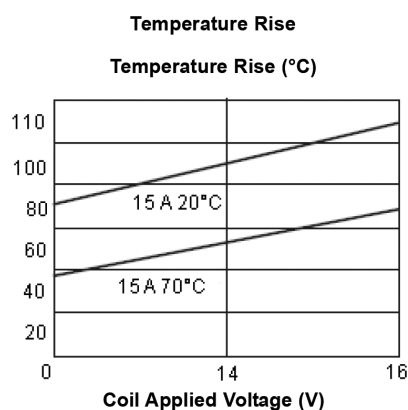
Coil Data Chart 20°C

Nominal Voltage V DC	Coil Resistance Ω ±10%	Operate Voltage ≤V DC	Release Voltage ≥V DC	Coil Power mW
12	180	7.2	1.2	800

Diagram



Characteristic Chart Data



Part Number Table

Description	Part Number
Relay, Auto, SPDT-CO 12V DC, 0.8W	MCCMA1-S-DC12V-C
Relay, Auto, SPDT-NO 12V DC, 0.8W	MCCMA1-S-DC12V-A

Dimensions : Millimetres

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