



Coil Data

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

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)
Maximum Switching Voltage	: 75 V dc
Maximum Switching Current	: 20 A
Maximum Switching Power	: 280 W
Contact Resistance	: $\leq 100 \text{ m}\Omega$ (6 V dc 1 A)

Life

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

General Data

Minimum Insulation Resistance	: 100 M Ω 500 V dc
Dielectric Strength	: 750 V ac, 1 min between open contacts : 1,000 V ac, 1 min between coil and contacts
Maximum Operate Time	: 15 ms
Maximum Release Time	: 10 ms
Operate Temperature	: -40 to +85°C

Shock Resistance

Endurance	: 1,000 m/s ²
Misoperation	: 100 m/s ²

General Data

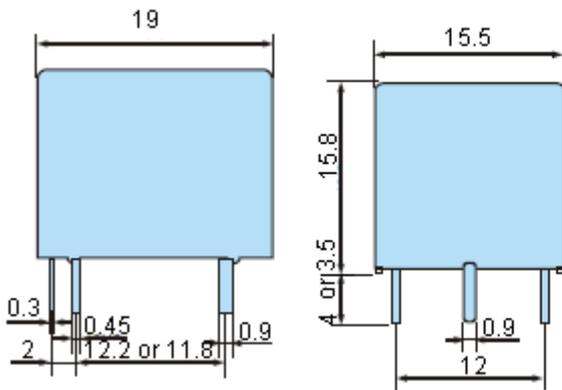
Vibration Resistance

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

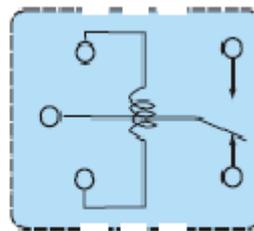
Coil Data Chart 20°C

Nominal Voltage V dc	Coil Resistance $\Omega \pm 10\%$	Operate Voltage $\leq V$ dc	Release Voltage $\geq V$ dc	Coil Power mW
12	180	7.2	1.2	800

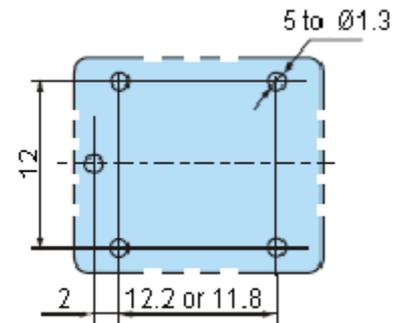
Dimensions



Wiring Diagrams



Mounting Hole Layout

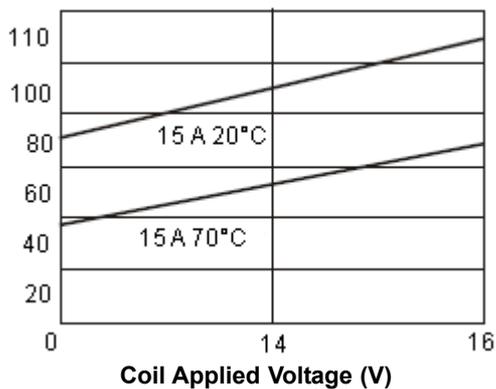


Dimensions : Millimetres

Characteristic Chart Data

Temperature Rise

Temperature Rise (°C)



Maximum Switching Power

Contact Current (A)

