



Coil Data

Nominal Power : 360mW

Contact Data

Contact Material : Ag alloy

Contact Rating : 1 form C (SPDT): 10A 120V AC / 24V DC, 6A 250V AC
TV-5

Max. Switching Voltage : 250V AC / 24V DC

Max. Switching Current : 10A

Max. Switching Power : 1,800VA, 360mW

Min. Switching Load : 5V DC, 100mA

Contact Resistance : Max. 50mΩ (6V DC 1A)

Life

Electrical : 100,000 operations

Mechanical : 10,000,000 operations

General Data

Insulation Resistance : Min. 1,000mW 500V DC

Dielectric Strength : 750V AC, 1 min. between open contacts
1,500V AC, 1 min. between coil and contacts

Operate Time : Max. 10ms

Release Time : Max. 5ms

Operate Temperature : -30 °C to +85 °C

Shock Resistance

Endurance : 1,000m/s²

Mis-operation : 100m/s²

Vibration Resistance

Endurance : 10 to 55Hz, 1.5mm double amplitude

Mis-operation : 10 to 50Hz, 1.5mm double amplitude

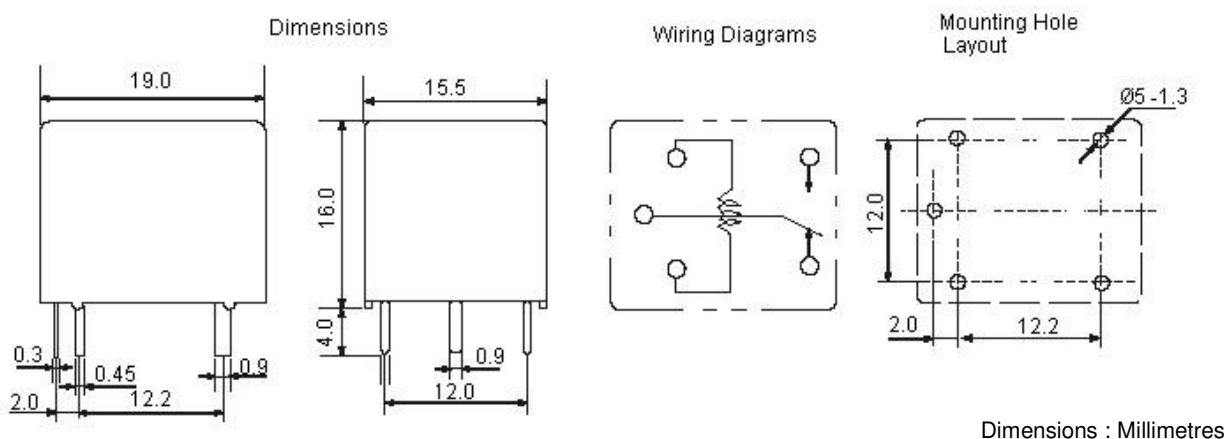
Humidity : 35% to 95% RH, +40 °C

Weight : Approximately 10g

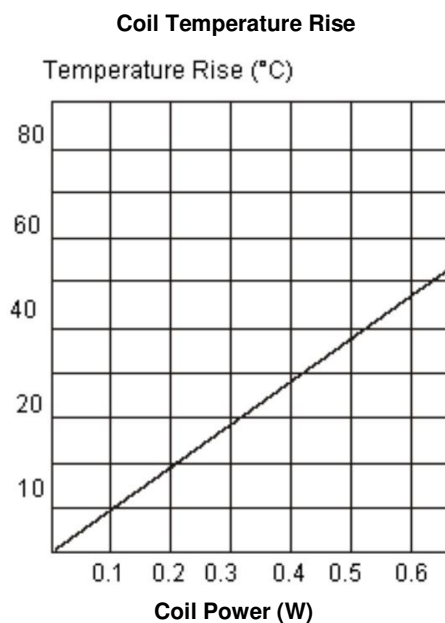
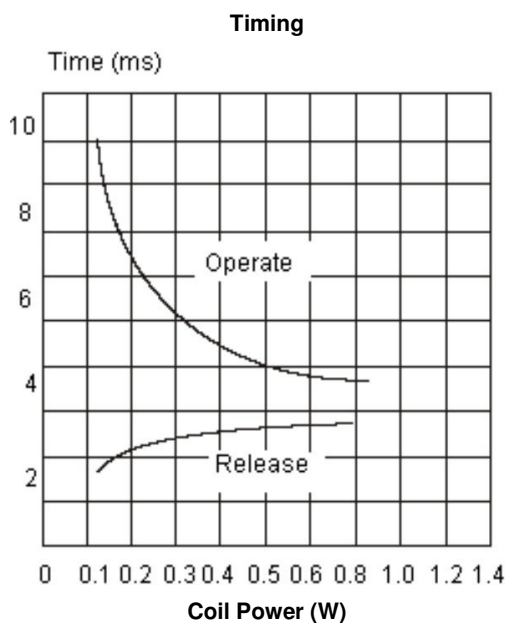
Coil Data Chart

Nominal Voltage V DC	Coil Resistance W $\pm 10\%$	Operate Voltage $\leq V$ DC	Release Voltage $\geq V$ DC	Coil Power mW	Contact Form	Part Number
12	400	8.4	1.2	360	1 Form C	MC25138
24	1,600	16.8	2.4			MC25139

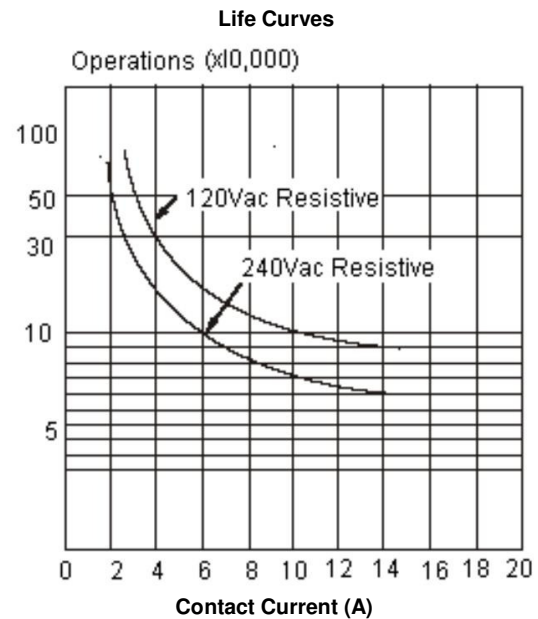
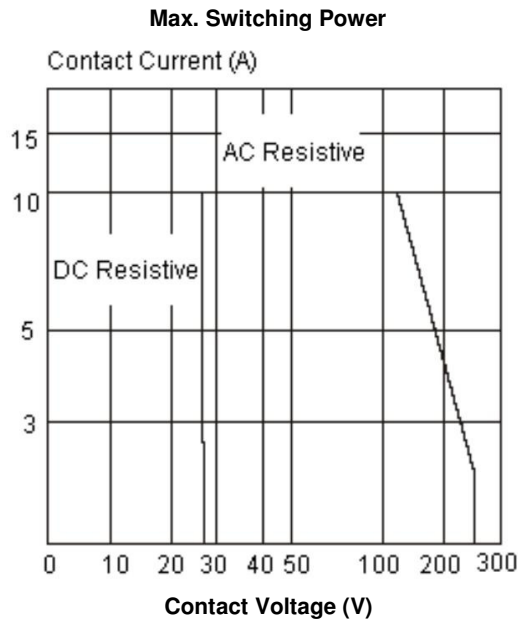
Dimensions



Characteristic Chart Data



Characteristic Chart Data



Part Number Table

Description	Part Number
Relay	MC25138
	MC25139

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