

Contact Data

Contact Form	: 1 form C
Contact Material	: Ag Alloy
Contact Rating (Resistive)	: 10A 250V AC/30V DC; TV-5
Max. Switching Voltage	: 250V AC/30V DC
Max. Switching Current	: 10A
Max. Switching Power	: 2,500VA, 300W
Min. Switching Load	: 5V DC, 100mA
Max. Contact Resistance	: 100mΩ (6V DC 1A)

Life

Electrical	: 100,000 operations
Mechanical	: 10,000,000 operations

General Data

Min. Insulation Resistance	: 1,000MΩ 500V DC.
Dielectric Strength	: 1,000V AC, 1 min between open contacts
	: 2,500V AC, 1 min between coil and contacts
	: 6,000V AC surge voltage between contact to coil (1.2/50μs)
Operate Time	: Max. 10ms
Release Time	: Max. 5ms
Operate Temperature	: -40°C to +85°C
UL listed	: E326578

Shock Resistance

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

Vibration Resistance

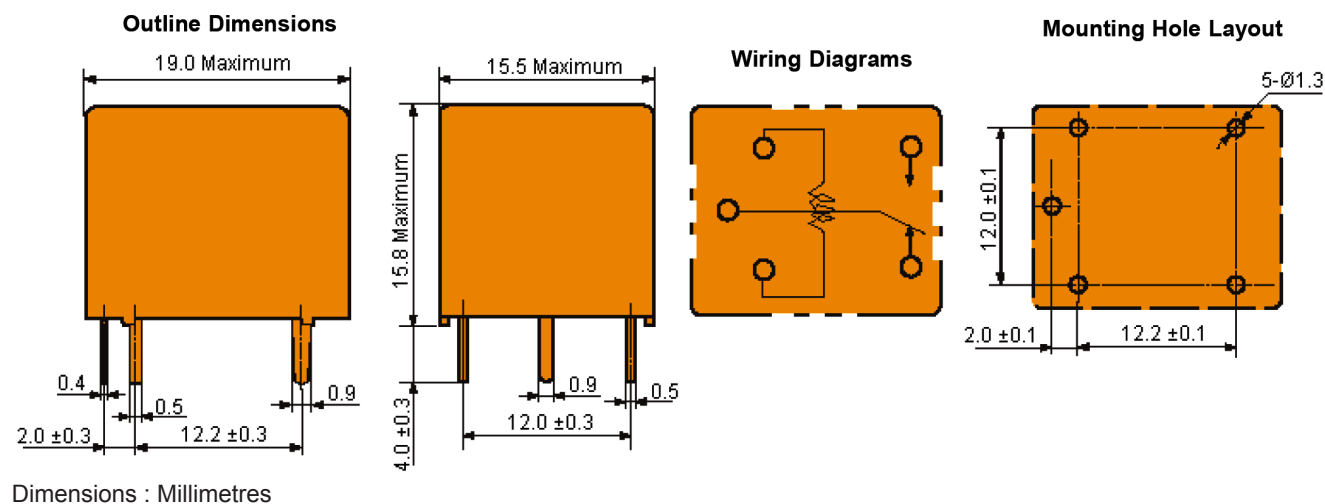
Endurance	: 10 to 55Hz, 1.5mm double amplitude
Misoperation	: 10 to 55Hz, 1.5mm double amplitude
Humidity	: 35 to 95%RH, +40°C

Coil Data Chart

20°C

Nominal Voltage V DC	Coil Resistance Ω ±10%	Operate Voltage ≤ V DC	Release Voltage ≥ V DC	Coil Power mW	Insulation Type	Enclosure	Part Number
12	576	8.4	1.2	360	High Insulation	Plastic Sealed Type	MC25113
24	1,600	16.8	2.4				MC25114

Dimensions



Part Number Table

Description	Part Number
Relay	MC25113
	MC25114

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