

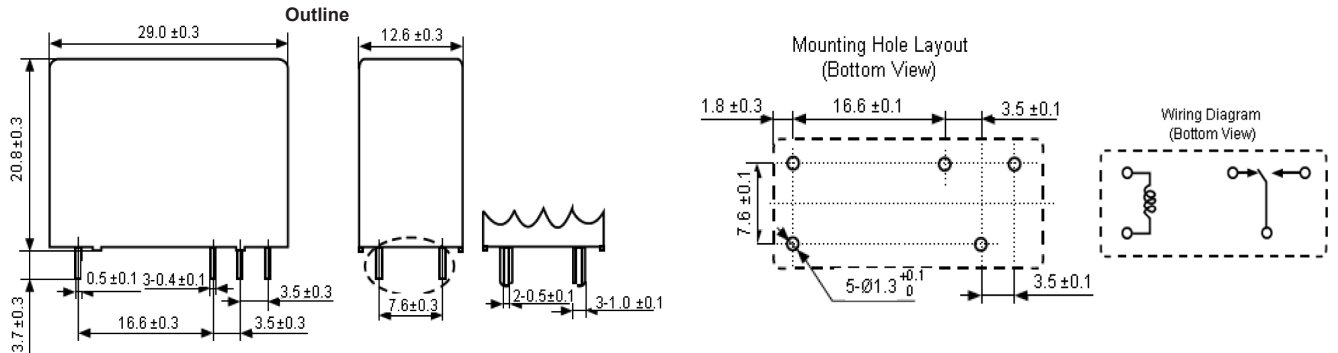
Features

- Slim type with low height.
Dimension : 29mm × 12.6mm × 20.8mm
- TV-5 Rating
- Creepage distance: 8mm
- Contact form: 1 form C

Specifications

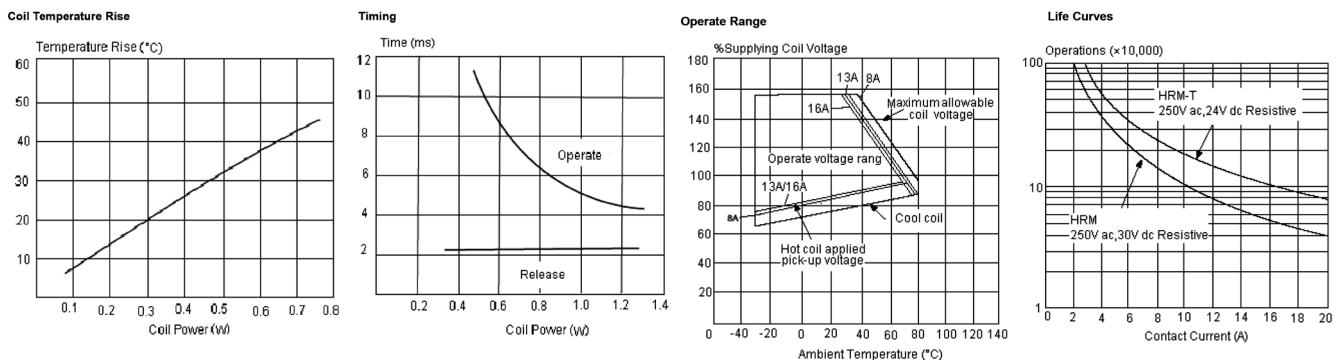
| Contact Data | | |
|-----------------------|---------------------------|--|
| Contact Material | | Ag Alloy |
| Contact Rating | | Resistive : 10A 250V AC/30V DC TV Rating : TV-5 Inductive : 5A 240V AC (COSØ = 0.4) Resistive : 16A 250V AC (T) |
| Contact Resistance | | Maximum 100mΩ (6V DC 1A) |
| Load | Maximum Switching Voltage | 250V AC / 30V DC |
| | Maximum Switching Current | 16A |
| | Maximum Switching Power | 4,000VA, 480W |
| | Minimum Switching Load | 5V DC, 100mA |
| Life | Electrical | 100,000 Operations |
| | | 50,000 Operations (COSØ = 0.4 L/R = 7ms) |
| | Mechanical | 10,000,000 Operations |
| Coil Data | | |
| Nominal Coil Power | | 540mW, 720mW |
| General Data | | |
| Insulation Resistance | | Minimum 1,000MΩ 500V DC |
| Dielectric Strength | Between Open Contacts | 1,000V AC, 1 Min |
| | Between Coil and Contacts | 4,000V AC, 1 Min |
| Operate Time | | Maximum 15ms |
| Release Time | | Maximum 8ms |
| Operating Temperature | | -30°C to +55°C (720mW) |
| | | -30°C to +70°C (540mW) |
| Humidity | | 35 to 95% RH, +40°C |
| Shock Resistance | Endurance | 1,000m/s ² |
| | Misoperation | 100m/s ² |
| Vibration Resistance | Endurance | 10 to 55Hz, 1.5mm Double Amplitude |
| | Misoperation | |

Out Line, Wiring Diagram, Mounting Hole Layout



Dimensions : Millimetres

Characteristic Chart Data



Coil Data

Ambient Temperature: 23°C

| Nominal Voltage V DC | Coil Resistance Ω ±10% | Operate Voltage ≤V DC | Release Voltage ≥V DC | Coil Power mW | Part Number |
|-------------------------|---------------------------|--------------------------|--------------------------|------------------|---------------|
| 5 | 35 | 3.75 | 0.5 | 720 | MCHRM-S DC5V |
| 9 | 112.5 | 6.75 | 0.9 | | MCHRM-S DC9V |
| 12 | 200 | 9 | 1.2 | | MCHRM-S DC12V |
| 24 | 800 | 18 | 2.4 | | MCHRM-S DC24V |

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