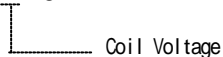


Small Surface Mount Type (2a Reed Relay)

Part number • Feature

RG20**W6



Electrostatic and magnetic shielded for high frequency wave

Performance

| Specifications | Item | Standard |
|---------------------------|-----------------------------|--|
| Contact Specifications | Contact Form | 2a (make) |
| | Contact Rating | 10W |
| | Max. Switching Voltage | DC100V |
| | Max. Switching Current | 0.5 A |
| | Max. Carry Current | 1.0 A |
| | Contact Resistance | 150 m MAX (Initial) |
| Electrical Specifications | Breakdown Voltage | Open Contacts DC200V (1 min) Contact to coil DC200V (1min) Contact to shield DC.200V (1 min) Coil to shield DC.200V (1 min) |
| | Insulation Resistance | 1×10^{12} MIN (DC100V RT/RH) |
| | Capacitance | Open Contacts 0.2pF TYP. Contact to shield 1.5pF MAX. |
| | Thermal Electromotive Force | 30 μ V typ. |
| | Operate Time | 0.4 mS MAX. (at Nominal Voltage) |
| | Release Time | 0.1 mS MAX. (at Nominal Voltage) |
| Mechanical Spec. | Vibration | 20G (0 to 2KHz 1.5mm) |
| | Shock | 30G (11mS 1/2 Sin Wave) |
| Environment | Operating Temperature | -10 to +60 |
| Life Expectancy | Mechanical | 3X10 ⁸ MIN. Operations |
| | Electrical | - |

Coil Specifications

| Contact Form | Part Name | Nominal Voltage DC. $\pm 10\%$ (V) | Coil Resistance $\pm 10\%$ ()at20 | Nominal Current (mA) | Must Operate Voltage MAX.(V)at20 |
|--------------|-----------|---------------------------------------|---------------------------------------|-------------------------|--|
| 1a | RG2005W6 | 5 | 140 | 35.8 | 3.8 |
| | RG2012W6 | 12 | 600 | 20.0 | 9.0 |

Dimensions /Terminal Identification (Unit:mm)

| Dimensions | Terminal Identification |
|------------|--|
| | <p>TOP VIEW</p> <p>1 0 2 1 - 2...CONTACT (N.O) 3 0 4 3 - 4...COIL (R) 5 0 6 5 - 6...GUARD 7 0 8 7 - 8...CONTACT (N.O)</p> |

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