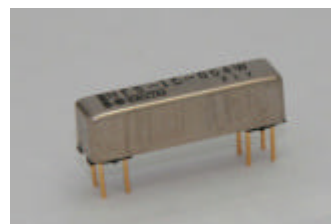


(1c Reed Relay)

Part number • Feature

HFS-1C-054W

W: Double guard coaxial-shield



Small size

High operating temperature +140

Performance

| Specifications | Item | Standard |
|---------------------------|-----------------------------|---|
| Contact Specifications | Contact Form | 1 c (transfer) |
| | Contact Rating | 3 W |
| | Max. Switching Voltage | DC.30 V |
| | Max. Switching Current | 0.1 A |
| | Max. Carry Current | 0.5 A |
| | Contact Resistance | 150m MAX. (Initial) |
| Electrical Specifications | Break Voltage | Between Contact DC.200V Contacts to coil DC.200V Contacts to shield DC.200V Coil to shield DC.200V |
| | Insulation Resistance | Between all isolated pins 1×10^{10} MIN. (DC.100V) |
| | Capacitance | Across Open contacts 1.5pF Typ.(shield guarding) Contact to shield 4.0pF Typ. |
| | Thermal Electromotive Force | 40 μ V Typ. |
| | Operate Time | (incl. bounce) 1.0mS MAX. (at Nominal Voltage) |
| | Release Time | (incl. bounce) 1.5mS MAX. (at Nominal Voltage) |
| Mechanical Specifications | Vibration | 20 G (0 ~ 2KHz, 1.5mm) |
| | Shock | 30 G (11mS, 1/2 Sin Wave) |
| Environment | Operating Temperature | -55 ~ +140 |
| Life Expectancy | Mechanical | 5×10^7 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 |
|--------------|-------------|---------------------------------------|---------------------------------------|-------------------------|---|
| 1C | HFS-1C-054W | 5 | 100 | 50.0 | 2.7 |

Dimensions/Terminal Identification (Unit:mm)

| Dimensions | Terminal Identification |
|---|--|
| <p>MAX 0.8</p> <p>MAX 20.3</p> <p>0.45</p> <p>± 0.1</p> <p>± 0.2</p> <p>± 0.1</p> <p>± 0.1</p> <p>± 0.2</p> <p>± 0.1</p> <p>2.54</p> <p>1 2 7 8</p> <p>1 6 1 0 9</p> <p>BOTTOM VIEW</p> <p>Weight about 1.5g</p> | <p>16 10 9</p> <p>1 2 7 8</p> <p>9-10: COIL (N.)</p> <p>1-8: CONTACT (N.O.)</p> <p>16-8: CONTACT (N.C.)</p> <p>2,7: GUARD (Elastic static Shield)</p> |

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