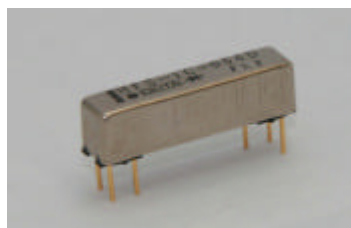


(1c Reed Relay)

HFS-1C-054D

7



With two electrical shield pins

Operating Temperature -55 to +85 (no dew)

Storage temperature -55 to +155 (no dew)

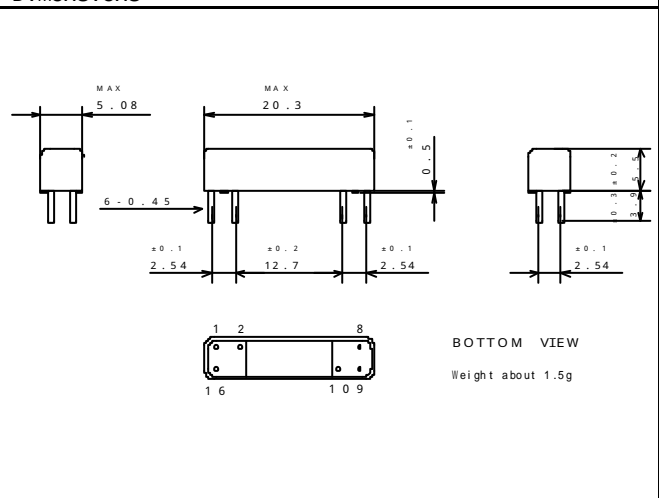
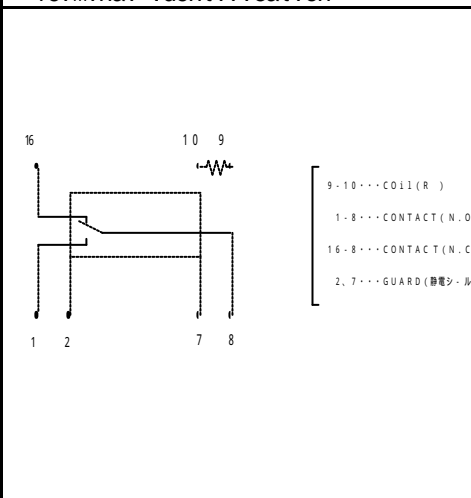
Performance

| 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 ~+85 |
| 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-05DW | 5 | 100 | 50.0 | 2.7 |

Dimensions/Terminal Identification (Unit:mm)

| Dimensions | Terminal Identification |
|---|--|
|  <p>Technical drawings of the relay showing dimensions in millimeters (mm):</p> <ul style="list-style-type: none"> Side View (Left): <ul style="list-style-type: none"> MAX 5.08 6.0 - 4.5 Front View (Middle): <ul style="list-style-type: none"> MAX 20.3 ±0.1 ±0.1 ±0.2 2.54 12.7 2.54 Bottom View (Right): <ul style="list-style-type: none"> ±0.1 2.54 Bottom View (Bottom): <ul style="list-style-type: none"> 1 2 8 1 6 1 0 9 <p>BOTTOM VIEW</p> <p>Weight about 1.5g</p> |  <p>Terminal identification diagram showing connections and legend:</p> <ul style="list-style-type: none"> 16 10 9 1 2 7 8 <p>Legend:</p> <ul style="list-style-type: none"> 9-10... COIL (R) 1-8... CONTACT (N.O.) 16-8... CONTACT (N.C) 2, 7... GUARD (静電シールド) |