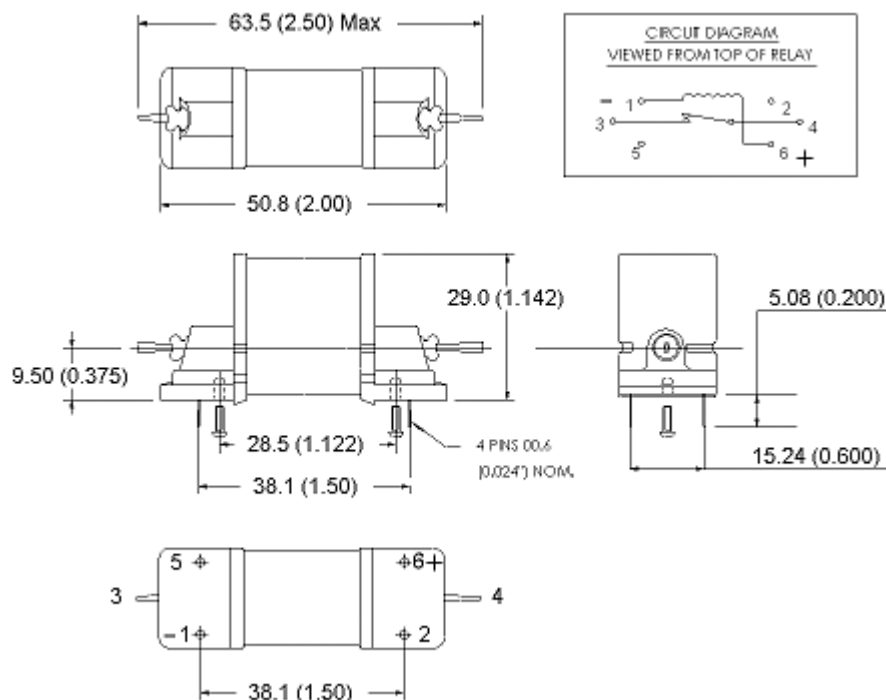


No Load Switching

RoHS Compliant, date code 0701 and later



## FEATURES

- RF efficient design offers high power handling in a small package
- High voltage solder connections provide additional external isolation from PC boards
- Mechanical life of 100 million operations is ideal for high speed, long life RF switching
- Vacuum dielectric offers low stable contact resistance

| PRODUCT SPECIFICATIONS                     |          |             |
|--------------------------------------------|----------|-------------|
| Contact & Relay Ratings                    | Units    | GR6JNB218   |
| Contact Form                               |          | B           |
| Contact Arrangement                        |          | SPST-NC     |
| Voltage Ratings                            |          |             |
| Between Contacts                           | kV Peak  | 8           |
| Contacts to Coil                           | kV Peak  | 8           |
| Current Carry , Max.                       |          |             |
| @ DC                                       | Amps     | 8           |
| @ 30 Mhz                                   | Amps     | 6           |
| Contact Resistance                         | Ohms     | 0.050       |
| Capacitance                                |          |             |
| Across Open Contacts                       | pF       | 0.6         |
| Closed Contacts to Ground                  | pF       | 2.5         |
| Initial Insulation Resistance              | GigaOhms | 10          |
| Operate Time*                              | ms       | 3           |
| Release Time*                              | ms       | 2           |
| Mechanical Life                            | cycles   | 100 million |
| Weight, Nominal                            | g (oz)   | 24 (0.85)   |
| Vibration, Operating, Sine(10-500 Hz Peak) | G's      | 10          |
| Shock, Operating, 1/2 Sine 11ms (Peak)     | G's      | 100         |
| Temperature Range                          |          |             |
| Operating                                  | °C       | -40 to +85  |
| Storage                                    | °C       | -55 to +125 |

| COIL RATINGS    |       |           |
|-----------------|-------|-----------|
|                 | Units | GR6JNB218 |
| Volts, Nominal  | Vdc   | 12        |
| Voltage, Max.   | Vdc   | 15        |
| Pickup, Max.    | Vdc   | 8         |
| Dropout, Max.   | Vdc   | 2         |
| Coil Resistance | Ohms  | 380       |

\*Operate and release times are with external diode suppression, @ 25°C.

For more information, refer to  
[Relay User Instructions](#)

09/16/11