

## Form C reed relay

### RGK52



Electromagnetic power reed relay with one contact for switching. It is meant for switching electric circuit of direct and alternating current with frequency up to 10 kHz in communication devices, telemetry, informatics etc.

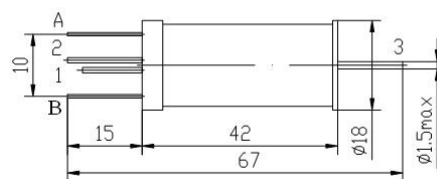
The relay has an open case with drive winding on a special frame and can operate with switching and control equipment.

### Specifications

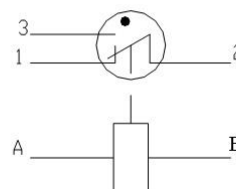
|   |                       |                                   |
|---|-----------------------|-----------------------------------|
| Operating voltage, $\pm 10\%$                 | V                     | 15                                |
| Pull-in voltage, max                          | V                     | 9,5                               |
| Drop-out voltage, min                         | V                     | 1,2                               |
| Winding resistance, $\pm 10\%$                | Ohms                  | 1300                              |
| Control current (reference value)             | mA                    | 12                                |
| Switching power, max                          | W                     | 120                               |
| Switching current range                       | A                     | 0,01 ... 3                        |
| Switching voltage range                       | V                     | 5 ... 150                         |
| Resistance, max                               | Ohms                  | 0,3                               |
| Insulation resistance, min                    | MOhms                 | 200                               |
| Breakdown voltage, min                        | $V_{AC}/$<br>$V_{DC}$ | 180/250<br>500/700                |
| Operate time, max                             | msec                  | 3,0                               |
| Release time, max                             | msec                  | 3,0                               |
| Life (depending on mode conditions)           | -                     | $1 \cdot 10^4 \dots 1 \cdot 10^6$ |
| Sinusoidal vibration (1-500)Hz, max           | g                     | 10                                |
| Mechanical shock                              |                       |                                   |
| • single-shock, duration (10-50)msec          | g                     | 20                                |
| • multiple-shock, duration (2-15)msec         |                       | 15                                |
| Linear acceleration, max                      | g                     | 10                                |
| Operating temperature range                   | $^{\circ}\text{C}$    | -40 ... +85                       |
| High humidity at +25 $^{\circ}\text{C}$ , max | %                     | 98                                |
| Weight, max                                   | g                     | 24                                |

The manufacturer guarantees quality conformance of the relay to engineering specification provided customer complies with storage, transportation, assembly and service conditions.

### Outline drawing



### Electrical schematic circuit



Information could be subject to changes. For details please contact marketing department.

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