

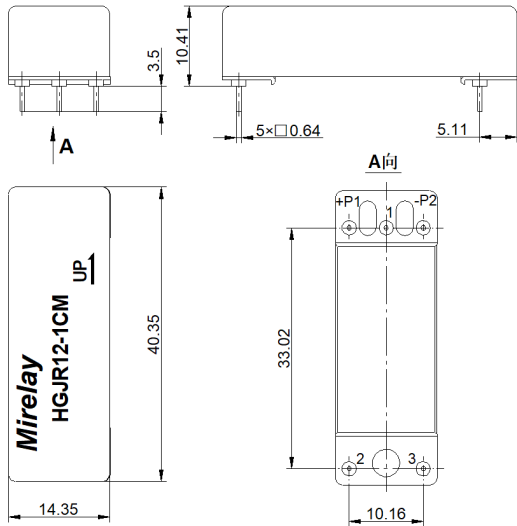
HGJR12-1CM

- High Power Mercury Reed Relay
- Low Contact Resistance
- High Carry Current
- Excellent Lifetime Characteristics
- Custom Design Available



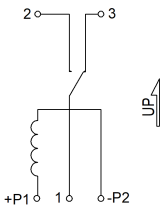
[Outline Dimension]

Unit: mm      Scale: 1/1



[Pin Layout]

[Top View]



Order Information

HGJR12-1CM

| Coil      Parameters |                                    | Relay Parameters                                              |                             |
|----------------------|------------------------------------|---------------------------------------------------------------|-----------------------------|
| 1                    | Nominal coil voltage               | 12                                                            | VDC                         |
| 2                    | Max Operating voltage              | 16                                                            | VDC                         |
| 3                    | Max Pull-in voltage                | 9                                                             | VDC                         |
| 4                    | Min Drop-out voltage               | 1                                                             | VDC                         |
| 5                    | Coil Resistance                    | 685                                                           | ohm                         |
| Contact Parameters   |                                    | 6                                                             | Capacitance Across Contacts |
| 1                    | Contact Form                       | 1                                                             | Form C                      |
| 2                    | Max Contact Rating                 | 100                                                           | W                           |
| 3                    | Max Switch Voltage                 | 500V                                                          | ACpeak/DC                   |
| 4                    | Max Switch Current                 | 2.0                                                           | A                           |
| 5                    | Max Carrying Current               | 8.5                                                           | A                           |
| 6                    | Min Breakdown Voltage              | 4K                                                            | VDC                         |
| 7                    | Max Contact Resistance             | 80                                                            | mohm                        |
| 1                    | Min Breakdown Voltage              | 4K                                                            | VDC                         |
| 2                    | Dielectric Strength coil/contact   | 4K                                                            | VDC                         |
| 3                    | Insulation Resistance coil/contact | 1.00E+12                                                      | ohm                         |
| 4                    | Operate Time, incl. Bounce         | 1.5                                                           | ms                          |
| 5                    | Reset Time                         | 1.5                                                           | ms                          |
| 6                    | Capacitance Across Contacts        | 0.7                                                           | pF                          |
| 7                    | Storage Temperature                | -35~+105                                                      | °C                          |
| 8                    | Operating Temperature              | -20~+70                                                       | °C                          |
| 9                    | Soldering Temperature              | 5 sec. max                                                    | 260°C                       |
|                      |                                    | Note                                                          |                             |
|                      |                                    | Hg wet contacts must be mounted within 30° of vertical plane. |                             |

Version: 01

Designed by

Checked by

Approved by

Date

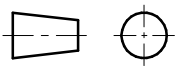
28th,May,2022

TITLE

High Voltage Reed Relay

P/N

HGJR12-1CM



Scale: 1:1

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