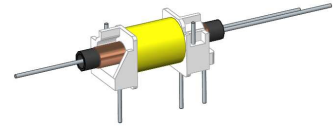


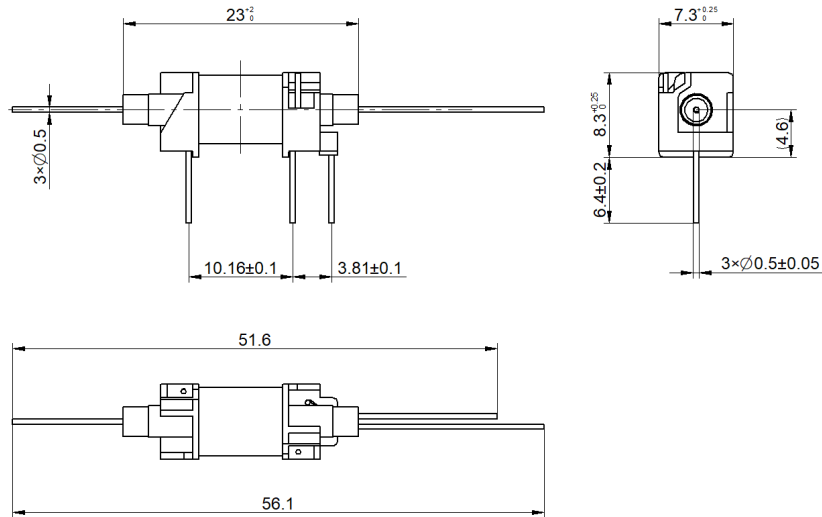
# HVR1C05-P14

- High Insulation Reed Relay
- Low Contact Resistance
- Insulation resistance, up to  $10^{15}\Omega$
- Excellent Lifetime Characteristics
- Custom Design Available



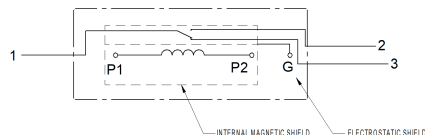
## [Outline Dimension]

Unit: mm



## [Pin Layout]

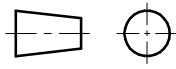
## [Top View]



## Order Information

HVR1C05-P14

| Coil Parameters          |                        | Relay Parameters                                   |                  |
|--------------------------|------------------------|----------------------------------------------------|------------------|
| 1 Nominal coil voltage   | 5 VDC                  | 1 Min Breakdown Voltage                            | 200 VDC          |
| 2 Max Operating voltage  | 7 VDC                  | 2 Dielectric Strength coil/contact                 | 500 VAC          |
| 3 Max Pull-in voltage    | 3.4 VDC                | 3 Insulation Resistance (@100 VDC, 25°C, 40% R. H) |                  |
| 4 Min Drop-out voltage   | 0.8 VDC                | 3.1 Contact To Coil                                | 1.00E+15ohm      |
| 5 Coil Resistance        | 300 ohm ( $\pm 10\%$ ) | 3.2 Between All Isolated Pins                      | 1.00E+13ohm      |
| Contact Parameters       |                        | 4 Operate Time, incl. Bounce                       | 1.0ms            |
| 1 Contact Form           | 1 Form C               | 5 Reset Time, incl. Bounce                         | 1.0ms            |
| 2 Max Contact Rating     | 3 W                    | 6 Capacitance Across Contacts                      | 1.5pF            |
| 3 Max Switch Voltage     | 150 VDC                | 7 Storage Temperature                              | -40~+105°C       |
| 4 Max Switch Current     | 0.25 A                 | 8 Operating Temperature                            | -40~+85°C        |
| 5 Max Carrying Current   | 0.5 A                  | 9 Soldering Temperature                            | 5 sec. max 260°C |
| 6 Min Breakdown Voltage  | 200 VDC                |                                                    |                  |
| 7 Max Contact Resistance | 150 mohm               |                                                    |                  |

|             |             |                 |                                                           |                                                                                                                  |
|-------------|-------------|-----------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Version: 01 | Designed by |                 | TITLE<br>High Insulation Reed Relay<br>P/N<br>HVR1C05-P14 | <br>Scale: 1:1<br>Page: 1/1 |
|             | Checked by  |                 |                                                           |                                                                                                                  |
|             | Approved by |                 |                                                           |                                                                                                                  |
|             | Date        | 23th, Qct, 2025 |                                                           |                                                                                                                  |