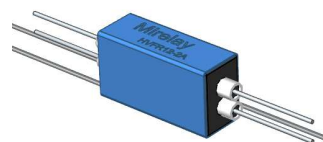


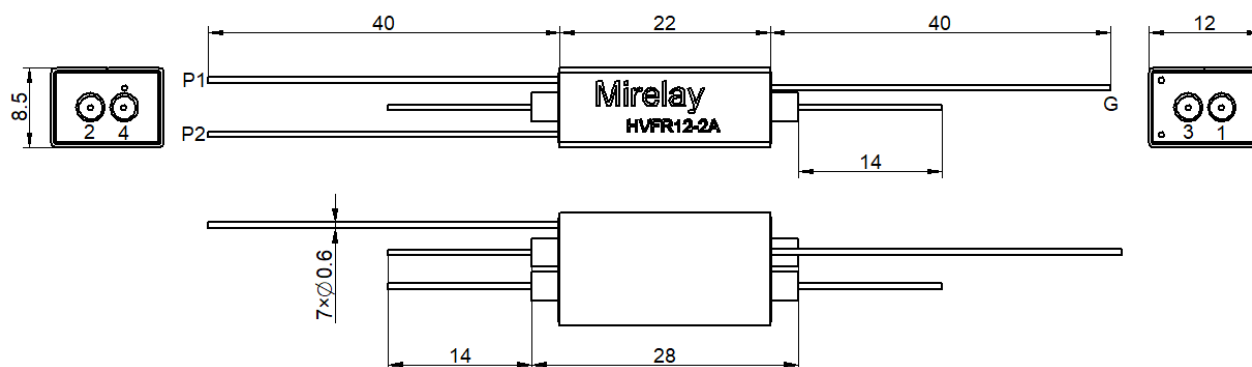
# HVFR12-2A

- High Voltage Reed Relay
- Low Contact Resistance
- Breakdown up to 4KV
- Excellent Lifetime Characteristics
- Custom Design Available



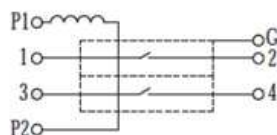
[Outline Dimension]

Unit: mm Scale: 1/1



[Pin Layout]

[Top View]



## Order Information

HVFR12-2A

| Coil Parameters          |               | Relay Parameters                     |                  |
|--------------------------|---------------|--------------------------------------|------------------|
| 1 Nominal coil voltage   | 12 VDC        | 1 Min Breakdown Voltage              | 4K VDC           |
| 2 Max Operating voltage  | 16 VDC        | 2 Dielectric Strength coil/contact   | 4K VDC           |
| 3 Max Pull-in voltage    | 9 VDC         | 3 Insulation Resistance coil/contact | 1.00E+13ohm      |
| 4 Min Drop-out voltage   | 1 VDC         | 4 Operate Time, incl. Bounce         | 1.0ms            |
| 5 Coil Resistance        | 400 ohm       | 5 Reset Time                         | 1.0ms            |
| Contact Parameters       |               | 6 Capacitance Across Contacts        | 0.5pF            |
| 1 Contact Form           | 2 Form A      | 7 Storage Temperature                | -35~+105°C       |
| 2 Max Contact Rating     | 100 W         | 8 Operating Temperature              | -20~+70°C        |
| 3 Max Switch Voltage     | 1KV ACpeak/DC | 9 Soldering Temperature              | 5 sec. max 260°C |
| 4 Max Switch Current     | 1.0 A         |                                      |                  |
| 5 Max Carrying Current   | 2.5 A         |                                      |                  |
| 6 Min Breakdown Voltage  | 4K VDC        |                                      |                  |
| 7 Max Contact Resistance | 120 mohm      |                                      |                  |

Version: 01

Designed by

Checked by

Approved by

Date

28th, May, 2022

TITLE

High Voltage Reed Relay

P/N

HVFR12-2A



Scale: 1:1

Page: 1/1