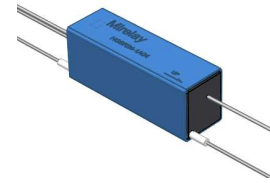


# HGSR24-1A04

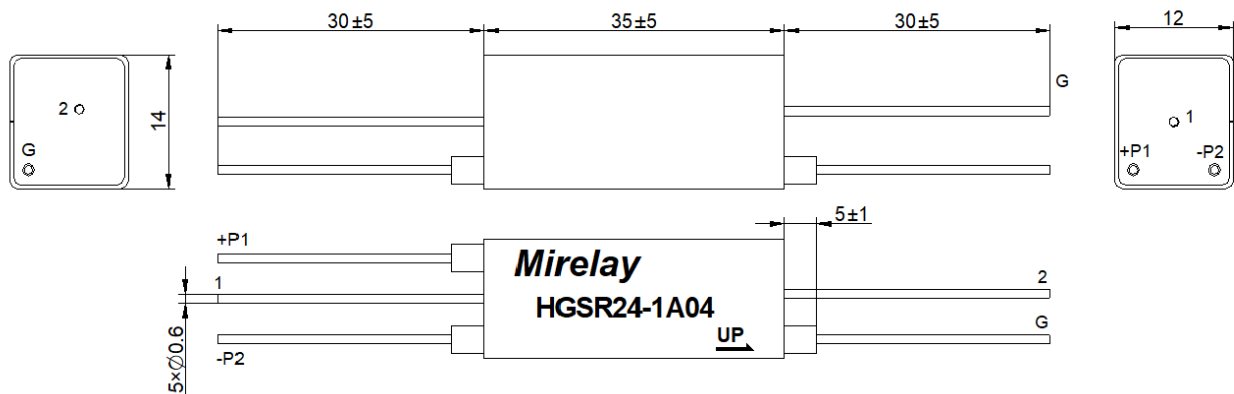
- High Power Mercury Reed Relay
- Low Contact Resistance
- High Carry Current
- Excellent Lifetime Characteristics
- Custom Design Available



## [Outline Dimension]

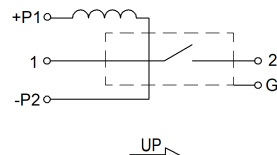
Unit: mm

Scale: 1/1



## [Pin Layout]

## [Top View]



## Order Information

HGSR24-1A04

| Coil Parameters          |                       | Relay Parameters                           |                  |
|--------------------------|-----------------------|--------------------------------------------|------------------|
| 1 Nominal coil voltage   | 24 VDC                | 1 Min Breakdown Voltage                    | 4K VDC           |
| 2 Max Operating voltage  | 29 VDC                | 2 Dielectric Strength coil/contact         | 4K VDC           |
| 3 Max Pull-in voltage    | 18 VDC                | 3 Insulation Resistance coil/contact       | 1.00E+11ohm      |
| 4 Min Drop-out voltage   | 2 VDC                 | 4 Operate Time, incl. Bounce               | 2.0ms            |
| 5 Coil Resistance        | 2000 ohm              | 5 Reset Time                               | 2.0ms            |
| Contact Parameters       |                       | 6 Capacitance Across Contacts              | 0.7pF            |
| 1 Contact Form           | 1 Form A              | 7 Storage Temperature                      | -35~+105°C       |
| 2 Max Contact Rating     | 100 W                 | 8 Operating Temperature                    | -20~+70°C        |
| 3 Max Switch Voltage     | 2KV ACpeak/DC(at 1mA) | 9 Soldering Temperature                    | 5 sec. max 260°C |
| 4 Max Switch Current     | 2.0 A                 | Note                                       |                  |
| 5 Max Carrying Current   | 8.5 A                 | Hg wet contacts must be mounted within 30° |                  |
| 6 Min Breakdown Voltage  | 4K VDC                | of vertical plane.                         |                  |
| 7 Max Contact Resistance | 80 mohm               |                                            |                  |

Version: 01

Designed by

Checked by

Approved by

Date

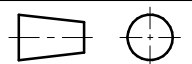
28th,May,2022

TITLE

High Voltage Reed Relay

P/N

HGSR24-1A04



Scale: 1:1

Page: 1/1