

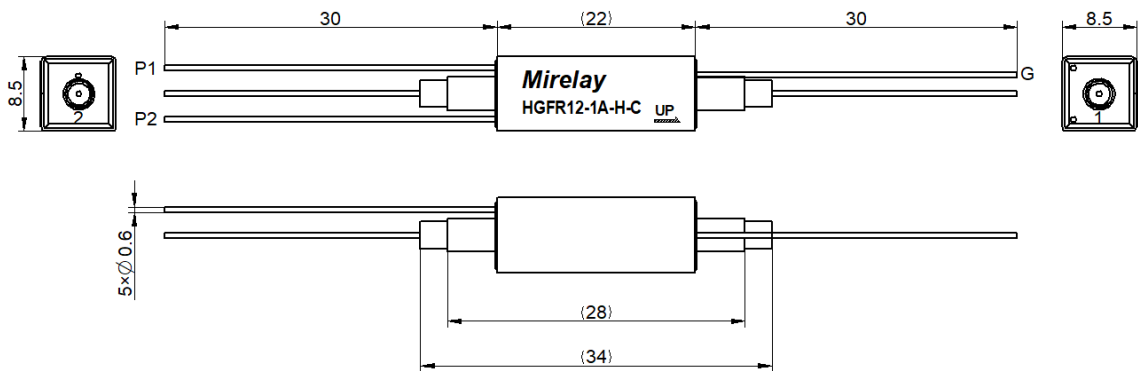
HGFR12-1A-H-C

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



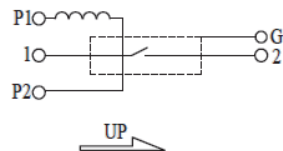
[Outline Dimension]

Unit: mm Scale: 1/1



[Pin Layout]

[Top View]



Order Information

HGFR12-1A-H-C

Coil Parameters		Relay Parameters	
1 Nominal coil voltage	12 VDC	1 Min Breakdown Voltage	3.5K VDC
2 Max Operating voltage	16 VDC	2 Dielectric Strength coil/contact	3.5K 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	2.0ms
5 Coil Resistance	400 ohm	5 Reset Time	2.0ms
Contact Parameters		6 Capacitance Across Contacts	0.3pF
1 Contact Form	1 Form A	7 Storage Temperature	-35~+105°C
2 Max Contact Rating	50 W	8 Operating Temperature	-20~+70°C
3 Max Switch Voltage	1.5KV ACpeak/DC	9 Soldering Temperature	5 sec. max 260°C
4 Max Switch Current	2.0 A	Note	
5 Max Carrying Current	3.0 A	Hg wet contacts must be mounted within 30°	
6 Min Breakdown Voltage	3.5K VDC	of vertical plane.	
7 Max Contact Resistance	80 mohm		

Version: 01

Designed by

Checked by

Approved by

Date

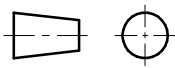
4th,Dec,2025

TITLE

High Voltage Reed Relay

P/N

HGFR12-1A-H-C



Scale: 1:1

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