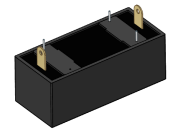


HVR12-1A05-P7

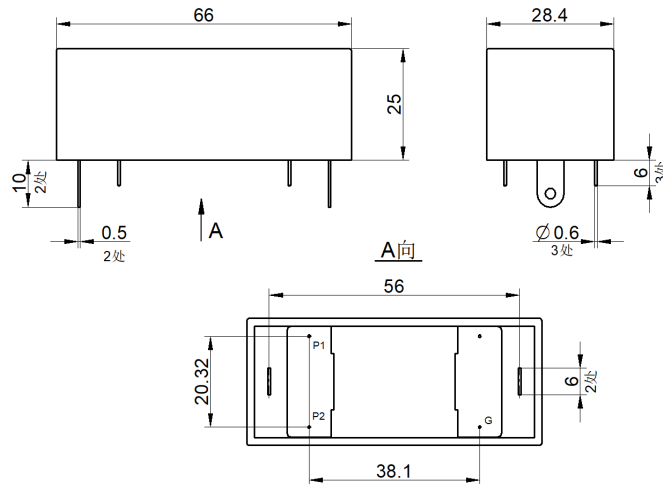
- High Voltage Reed Relay
- High Voltage holdoff and switching ability
- Suitable for high current loads
- Extended operations in extreme environments
- Excellent Lifetime Characteristic



[Outline Dimension]

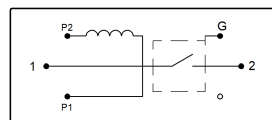
Unit: mm

Scale: 1/1



[Pin Layout]

[Top View]



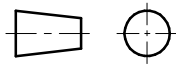
Order Information

HVR12-1A05-P7

Coil Parameters		Relay Parameters	
1 Nominal coil voltage	12V DC	1 Min Breakdown Voltage	5KV DC
2 Max Operating voltage	15V DC	2 Dielectric Strength coil/contact	5KV DC
3 Max Pull-in voltage	9.6V DC	3 Insulation Resistance coil/contact	1.00E+12ohm
4 Min Drop-out voltage	2V DC	4 Operate Time, incl. Bounce	2.5ms
5 Coil Resistance	80 ohm	5 Reset Time	1.0ms
Contact Parameters		6 Capacitance Across Contacts	0.8pF
1 Contact Form	1 Form A	7 Storage Temperature	-35~+105°C
2 Max Contact Rating	200 W	8 Operating Temperature	-20~+85°C
3 Max Switch Voltage	7KV DC	9 Soldering Temperature	5 sec. max 260°C
4 Max Switch Current	3.0 A		
5 Max Carrying Current	20.0 A *		
6 Min Breakdown Voltage	5KV DC		
7 Max Contact Resistance	100 mohm		

Notes:

*: The maximum on current is 10ms when the contact is closed.

Version: 01	Designed by		TITLE High Voltage Reed Relay P/N HVR12-1A05-P7	 Scale: 1:1 Page: 1/1
	Checked by			
	Approved by			
	Date	8th, Oct, 2023		