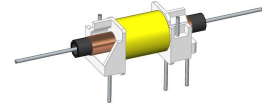


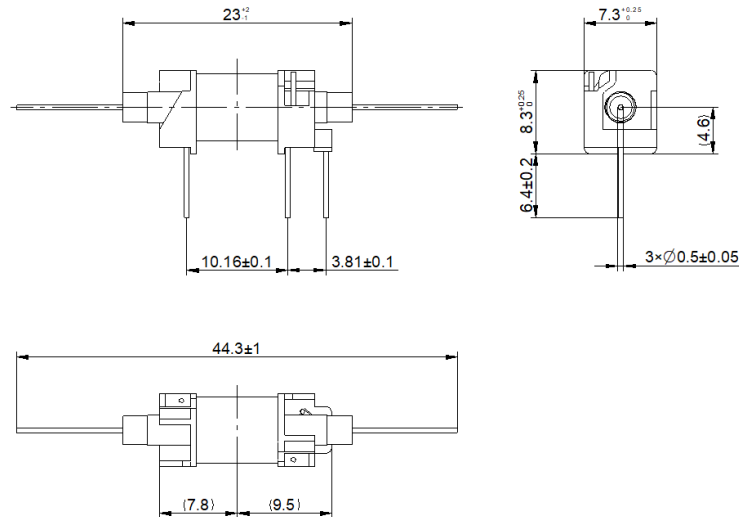
HI-1A12

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



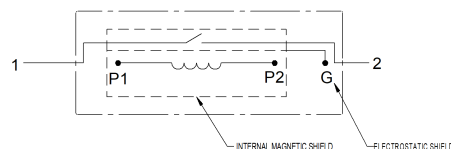
[Outline Dimension]

Unit: mm



[Pin Layout]

[Top View]



Order Information

HI-1A12

Coil Parameters		Relay Parameters	
1 Nominal coil voltage	12 VDC	1 Min Breakdown Voltage	1000 VDC
2 Max Operating voltage	16 VDC	2 Dielectric Strength coil/contact	1000 VDC
3 Max Pull-in voltage	9 VDC	3 Insulation Resistance (@100 VDC, 25°C, 40% R. H)	
4 Min Drop-out voltage	1 VDC	3.1 Across Open Contact, And Between Contact To	
5 Coil Resistance	620 ohm ($\pm 10\%$)	Coil And Shield	1.00E+15ohm
Contact Parameters		3.2 Coil To Shield	1.00E+13ohm
1 Contact Form	1 Form A	4 Operate Time, incl. Bounce	0.7ms
2 Max Contact Rating	10 W	5 Reset Time	0.2ms
3 Max Switch Voltage	500 VDC	6 Capacitance Across Contacts	0.3pF
4 Max Switch Current	0.5 A	7 Storage Temperature	-40~+105°C
5 Max Carrying Current	2.0 A	8 Operating Temperature	-40~+85°C
6 Min Breakdown Voltage	1000 VDC	9 Soldering Temperature	5 sec. max 260°C
7 Max Contact Resistance	150 mohm		

Version: 01	Designed by		TITLE High Insulation Reed Relay P/N HI-1A12	 
	Checked by			
	Approved by			
	Date	2th, Feb, 2026		
				Scale: 1:1
				Page: 1/1