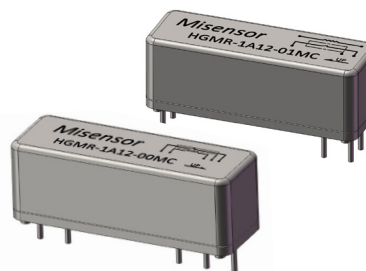


High Voltage Mercury Reed Relay - HGMR Series

Product Feature

- High Power Mercury Reed Relay, Dielectric Strength up to 2000V
- High Carry Current
- Low Contact Resistance
- Excellent Lifetime Characteristics
- External magnetic and electrostatic shield
- Custom Design Available For Coil Resistance



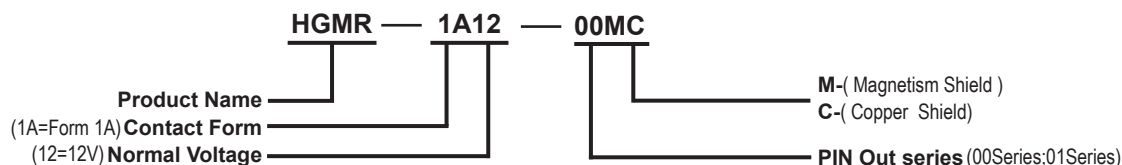
Specifications

Coil Specifications	Units	Conditions	Form 1A		
Nominal Coil Voltage	VDC		5	12	24
Max Operating Voltage	VDC		7.0	16	29
Max Pull-in Voltage	VDC	@20°C	4.0	9.0	18
Min Drop-out Voltage	VDC	@20°C	0.5	1.0	2.0
Coil Resistance	ohms	±10% @20°C	70	450	1200

Contact Ratings					
Max Contact Rating	W	Any DC combination of V&A not to exceed their individual max.'s		50	
Max Switch Voltage	V	DC or AC peak		1000	
Max Switch Current	A	DC or AC peak		2.0	
Max Carry Current	A	DC or AC peak		5.2	
Max Breakdown Voltage	V	DC or AC peak		2000	
Contact Resistance	mohm	Maximum		80	

Relay Specifications					
Breakdown Voltage	V	DC or AC peak		2000	
Isolation Contact to Coil	V	DC or AC peak		2000	
Insulation Resistance Contact to Coil	ohms	Minimum, RH<45%, 200VDC test voltage		10 ¹⁰	
Operate Time, incl. Bounce	ms			3.0	
Reset Time	ms			3.0	
Cpaccitance Across Contact	pF			0.8	
Storge Temperature	°C			-35 to +105	
Operating Temprature	°C			-20 to +70	
Soldering Temperature	°C			5 sec. max 260	

Order Information

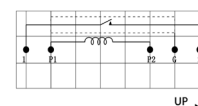
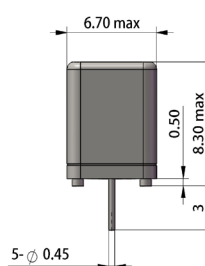
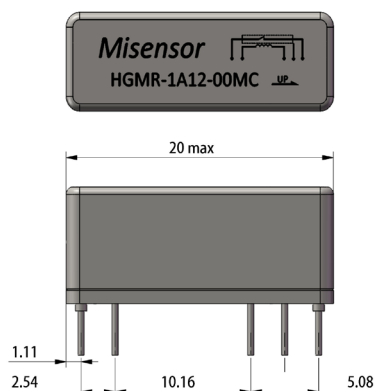


Mechanical Dimensions

All Dimensions in mm

Top View

00 Series

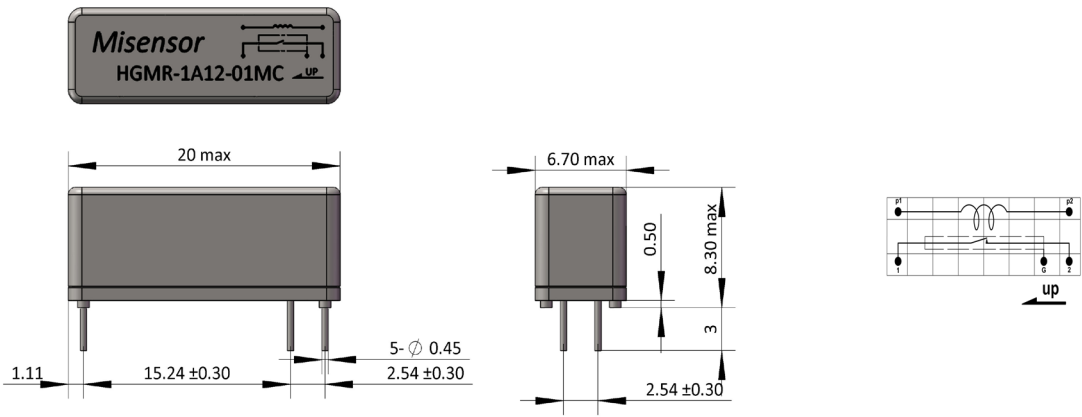


Mechanical Dimensions

All Dimensions in mm

Top View

01 Series



Mailbox:
Sales@misensor.com

Note:
Hg wet contacts must be mounted within 30° of vertical plane