GIGAVAC®
ADVANCED SWITCHING SOLUTIONS

15kV SPST-NO HV Relay
Single Pole Single Throw - Normally Open

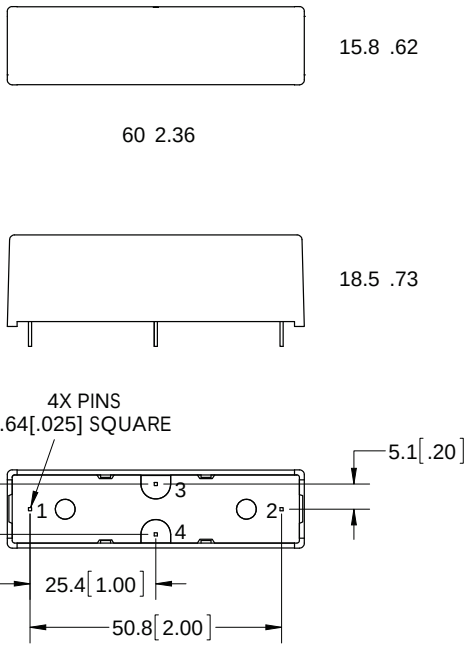
GR5MTA

FEATURES

- Durable tungsten coated contactsfor load switching up to 200 W **
- Coil choices of 5, 12 or 24Vdc accommodate virtually any drive circuit
- All PC pin connections
- Vacuum dielectric provides low and stable contact resistance

PRODUCT SPECIFICATIONS

Contact & Relay Ratings	Units	GR5MTA
Contact Form		A
Contact Arrangement		SPST-NO
Contact Material		Tungsten
Dielectric		Vacuum
Voltage, Operating Max	kV Peak	15
Current, Continuous Carry Max - not switching	Amps	5*
Resistance, Contact Max	ohms	0.250
Capacitance		
Across Open Contacts	pF	<0.8
Closed Contacts to Ground	pF	<0.8
Operate Time*	ms	3
Release Time*	ms	2
Life, Mechanical	cycles	100 million
Weight, Nominal	g (oz)	28 (1)
Vibration, Operating, Sine ((10-500 Hz Peak)	G's	20
Shock, Operating, 1/2 Sine11ms (Peak)	G's	100
Temperature Ambient Operating		
Operating	°C	-20 to +70
Storage	°C	-35 to +125

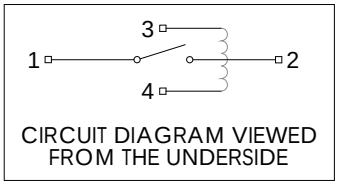


COIL RATINGS

Nominal, Volts dc	5	12	24
Pick-up, Volts dc, Max.	3.7	9	20
Drop-Out, Volts dc	.5	1.25	4
Coil Resistance (Ohms ±10%)	16	95	350

* Operation and release times are with external diode suppression, @ 25°C

** See table below or consult factory for load switching applications.



PART NUMBER SYSTEM

GR5MTA	3	3	5
Coil Voltage	**1** = 5 Vdc **2** = 12 Vdc **3** = 24 Vdc		
High Voltage Connections		**3** = PCB Pins	
Mounting			**5** = PC Board

**LOAD SWITCHING

Voltage (VAC)	Current (A)	Life (Cycles)
110	0.5	1,000,000
120	1.0	200,000
1000	0.200	100,000
5000	0.083	1,000

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