

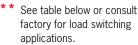
FEATURES

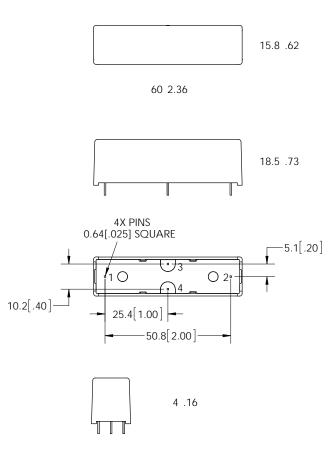
- Durable tungsten coated contactsfor load switching up to 200 W **
- > Coil choices of 5, 12 or 24Vdc accommodate virtually any drive circuit
- > All PC pin connections
- Vacuum dielectric provides low and stable contact resistance

PRODUCT SPECIFICATIONS

Contact & Relay Ratings	Units	GR5MTA
Contact Form		А
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

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





1 - 2		
CIRCUIT DIAGRAM VIEWED FROM THE UNDERSIDE		

PART NUMBER SYSTEM

COIL RATINGS Nominal, Volts dc

Pick-up, Volts dc, Max.

Coil Resistance (Ohms ±10%)

Drop-Out, Volts dc

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

5

3.7

.5

12

9

1.25

24

20

4

350

**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