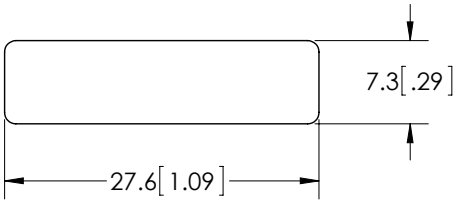
GIGAVAC®
ADVANCED SWITCHING SOLUTIONS

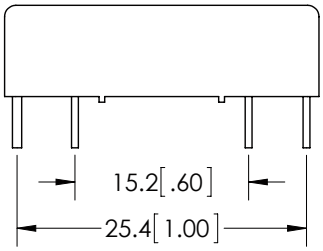
3kV SPST-NO HV Relay
Single Pole Single Throw - Normally Open

GR2DNA

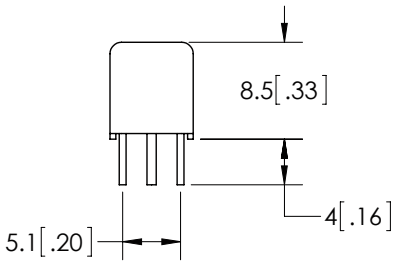
FEATURES

- **RF efficient design offers high power handling in a small package**
- **Coil choices of 5, 12 or 24Vdc accommodate virtually any drive circuit**
- **Can be mounted in any position, any axis**
- **Vacuum dielectric provides low and stable contact resistance**





Pins 1,2,5,6 - 0.6mm sq.
Pin 3 - ∅0.8mm
Pin 4 - ∅0.6mm



PRODUCT SPECIFICATIONS

Contact & Relay Ratings	Units	GR2DNA
Contact Form		A
Contact Arrangement		SPST-NO
Contact Material		Rhodium
Dielectric		Vacuum
Voltage, Operating Max	kV Peak	3
Current, Continuous Carry Max - not switching	Amps	2*
Resistance, Contact Max	ohms	0.10
Capacitance		
Across Open Contacts	pF	1.5
Closed Contacts to Ground	pF	6
Operate Time*	ms	1
Release Time*	ms	1
Life, Mechanical	cycles	100 million
Weight, Nominal	g (oz)	5 (0.18)
Vibration, Operating, Sine (10-2000 Hz Peak)	G's	30
Shock, Operating, 1/2 Sine11ms (Peak)	G's	100
Temperature Ambient Operating		
Operating	°C	-20 to +70
Storage	°C	-35 to +110

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

PART NUMBER SYSTEM

GR2DNA	3	3	5
Coil Voltage	**1** = 5 Vdc **2** = 12 Vdc **3** = 24 Vdc		
High Voltage Connections		**3** = PCB Pins	
Mounting			**5** = PC Board

COIL RATINGS

Nominal, Volts dc	5	12	24
Pick-up, Volts dc, Max.	3.7	9	20
Drop-Out, Volts dc	.5	1.25	3
Coil Resistance (Ohms ±10%)	140	600	1000

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