GIGAVAC®
ADVANCED SWITCHING SOLUTIONS
powered by PIK-AS AUSTRIA

8kV DPDT HV Relay
Latching - Double Pole Double Throw

G12L

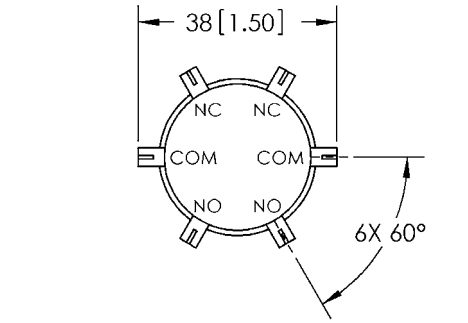
FEATURES

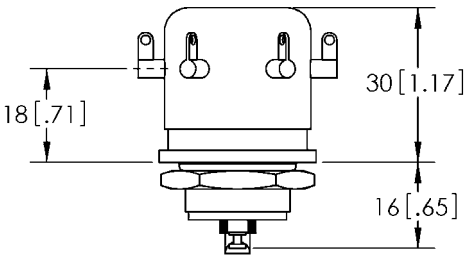
- **Durable tungsten contacts improve load switching capability**
- **Mounting options in any axis**
- **User interchangeable coils provide for driver versatility**

PRODUCT SPECIFICATIONS

Contact & Relay Ratings	Units	G12L
Contact Form		2C - latch
Contact Arrangement		DPDT
Contact Material (moveable/stationary)		molybdenum /tungsten
Dielectric		Vacuum
Voltage, Test Max., Contacts & to Base (15 µA Leakage Max.) dc or 60Hz	kV Peak	10
Voltage, Operating Max., Contacts & to Base (15 µA Leakage Max.)		
dc or 60 Hz	kV Peak	8
2.5 MHz	kV Peak	5
16 MHz	kV Peak	3
32 MHz	kV Peak	2
Current, Load Switching		Contact factory**
Current, Continuous Carry Max		
dc or 60 Hz	Amps	10
2.5 MHz	Amps	7
16 MHz	Amps	3
32 MHz	Amps	2
Coil Hi-Pot (V RMS, 60 Hz)	V	500
Capacitance		
Across Open Contacts	pF	0.8
Contacts to Ground	pF	1.5
Resistance, Contact Max @ 1A, 28 Vdc	ohms	0.020
Operate Time	ms	15
Release Time	ms	9
Life, Mechanical	cycles	1 million
Weight, Nominal	g (oz)	71 (2.5)
Vibration, Operating, Sine (55-500 Hz Peak)	G's	10
Shock, Operating, 1/2 Sine11ms (Peak)	G's	30
Temperature Ambient Operating	°C	-55 to +125

** Consult factory for load switching applications.





COIL RATINGS

Nominal, Volts dc	26.5
Latch, Volts dc, Max.	16
Reset, Volts dc	1 - 10
Coil Resistance (Ohms ±10%)	

PART NUMBER SYSTEM

G12L	S	P	
High Voltage/ Power Terminal Connections	**S** = Solder Tab		
Mounting		**P** = Through Panel	
Coil Voltage*			**Blank** = 26.5 Vdc

* Order the relay with the part number as shown. The latching "L" designator and the coil voltage will not appear in the P/N on the relay but will be indicated on the label that is on the base of the relay. Observe coil polarity.

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