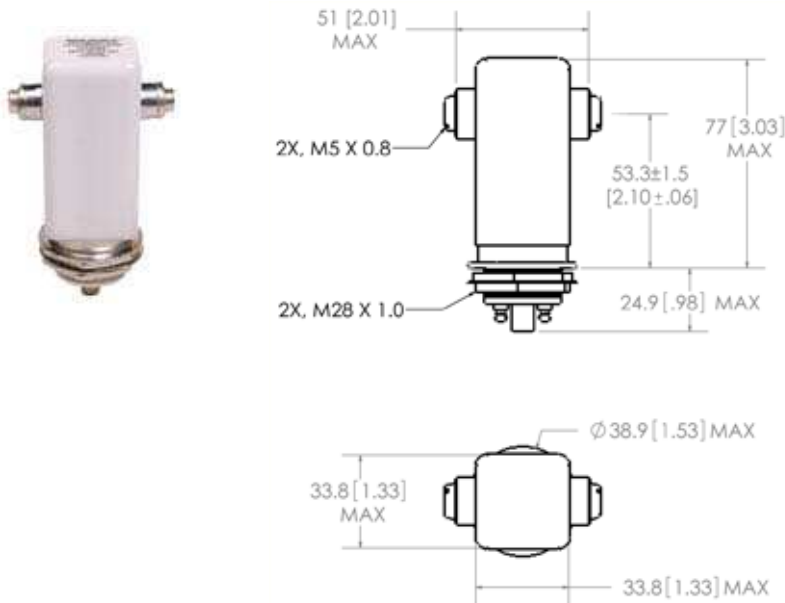


**G20****28 kV**

No Load Switching  
 RoHS Compliant, date code 0701 and later

**FEATURES**

- ◆ Rugged, high current carry ceramic relay
- ◆ Carries 30 Amps at 32 MHz
- ◆ Copper contacts; not designed for power switching
- ◆ Meets requirements of MIL-R-83725

**PRODUCT SPECIFICATIONS**

Contact & Relay Ratings	Units	G20
Contact Form		X
Contact Arrangement		SPST-NO
Voltage, Test Max., Contacts & to Base (15 µA Leakage Max., dc or 60Hz)	kV Peak	30
Voltage, Operating Max., Contacts & to Base (15 µA Leakage Max.)		
dc or 60 Hz	kV Peak	28
2.5 MHz	kV Peak	22
16 MHz	kV Peak	12
32 MHz	kV Peak	10
Current, Continuous Carry Max		
dc or 60 Hz	Amps	110
2.5 MHz	Amps	60
16 MHz	Amps	40
32 MHz	Amps	30
Coil Hi-Pot (V RMS, 60 Hz)	V	500
Capacitance		
Across Open Contacts	pF	2.5
Contacts to Ground	pF	2.5
Resistance, Contact Max @ 1A, 28 Vdc	ohms	0.005
Operate Time	ms	18
Release Time	ms	10
Life, Mechanical	cycles	2 million
Weight, Nominal	g (oz)	342 (12)
Vibration, Operating, Sine (55-500 Hz Peak)	G's	10
Shock, Operating, 1/2 Sine 11ms (Peak)	G's	30
Temperature Ambient Operating	°C	-55 to +125

**COIL RATINGS**

Nominal, Volts dc	12	26.5	115
Pick-up, Volts dc, Max.	8	16	80
Drop-Out, Volts dc	.5 - 5	1 - 10	5 - 50
Coil Resistance (Ohms ±10%)	24	120	2000

Ratings listed are for 25°C, sea level conditions

For more information, refer to

[Relay User Instructions](#)

**G20** **W P - 12Vdc**

**High Voltage/  
Power Terminal  
Connections**  
 W = Screw

**Mounting**  
 P = Through Panel

**Coil Voltage \***  
 Blank = 26.5 Vdc  
 12 Vdc = 12 Vdc  
 115 Vdc = 115 Vdc

\*Order the relay with the coil voltage in the part number as shown above. The coil voltage will appear on the coil plate near the coil terminals rather than in the P/N on the relay.

04/05/11

**GIGAVAC®**

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