

G43A

Santa Barba

www.gigavo

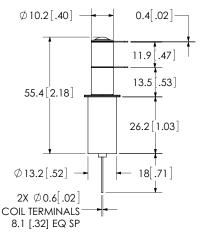
CAGE 30

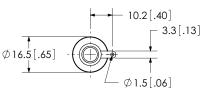
## **FEATURES**

- > RF efficient design offers high power handling in a small package
- > Tungsten contacts improve hot load switching\*
- > Contact GIGAVAC Applications Support for load capability
- Can be mounted in any position, any axis

# **PRODUCT SPECIFICATIONS**

Contact & Relay Ratings	Units	G43
Contact Form		A
Contact Arrangement		SPST-NO
Voltage, Test Max., Contacts & to	kV Peak	11
Base (15 µA Leakage Max., dc or 60Hz)		
Voltage, Operating Max., Contacts & to Base (15 µA Leakage Max.)		
dc or 60 Hz	kV Peak	10
2.5 MHz	kV Peak	7
16 MHz	kV Peak	6
32 MHz	kV Peak	4
Current, Load Switching		Consult factory
Current, Continuous Carry Max		
dc or 60 Hz	Amps	25*
2.5 MHz	Amps	20
16 MHz	Amps	13
32 MHz	Amps	10
Coil Hi-Pot (V RMS, 60 Hz)	V	500
Capacitance		
Across Open Contacts	pF	1.2
Contacts to Ground	pF	1.2
Resistance, Contact Max @ 1A, 28 Vdc	ohms	0.02
Operate Time	ms	10
Release Time	ms	10
Life, Mechanical	cycles	2 million
Weight, Nominal	g (oz)	28 (1)
Vibration, Operating, Sine (55-2000 Hz Peak)	G's	10
Shock, Operating, 1/2 Sine11ms (Peak)	G's	50
Temperature Ambient Operating	°C	-55 to +125





## PART NUMBER SYSTEM

G43A	3	3	4
Coil Voltage	$\begin{array}{l} {\bf 2} = 12 \ \text{Vdc}, \\ \text{Bus Wire} \\ {\bf 3} = 26.5 \ \text{Vdc}, \\ \text{Bus Wire} \\ {\bf 5} = 115 \ \text{Vdc}, \\ \text{Bus Wire} \\ {\bf 7} = 12 \ \text{Vdc}, \\ \text{Turret Terminal} \\ {\bf 8} = 26.5 \ \text{Vdc}, \\ \text{Turret Terminal} \\ {\bf 9} = 115 \ \text{Vdc}, \\ \text{Turret Terminal} \end{array}$		
High Voltage Connections		<b>3</b> = Solder Connection	
Mounting			<b>2</b> = 3-hole Flange <b>4</b> = Std Flange

### **Turret Terminal**

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2.3mm (0.09")

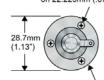
2 coil terminals

equally spaced on 8.1mm (.32") BC

5.0mm (.20")

### **3-Hole Flange**

3.58mm (.141") thru 3 holes EQL SP on 22.225mm (.875") BC



.76mm (.030") thick

### \*Consult factory for load switching applications.

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%)	70	290	4700				

**COIL RATINGS** 

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