

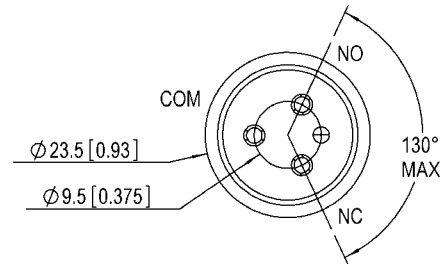
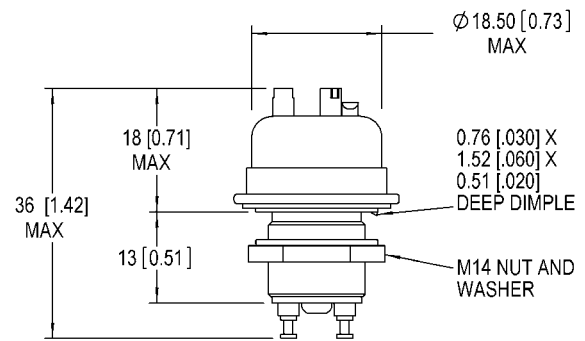
**FEATURES**

- > Low stable contact resistance for high carry current and low voltage drop
- > Low loss in RF circuits
- > Mounting options in any axis
- > Solder or convenient threaded HV connections

**PRODUCT SPECIFICATIONS**

Contact & Relay Ratings	Units	GH1
<b>Contact Form</b>		C
<b>Contact Arrangement</b>		SPDT
Contact Material (moveable/stationary)		molybdenum /copper
Dielectric		Vacuum
<b>Voltage, Test Max., Contacts &amp; to Base (15 µA Leakage Max.)</b> dc or 60Hz	kV Peak	5
<b>Voltage, Operating Max., Contacts &amp; to Base (15 µA Leakage Max.)</b>		
dc or 60 Hz	kV Peak	3.5
2.5 MHz	kV Peak	2.5
16 MHz	kV Peak	2
32 MHz	kV Peak	1.5
<b>Current, Load Switching</b>		Contact factory**
<b>Current, Continuous Carry Max</b>		
dc or 60 Hz	Amps	25
2.5 MHz	Amps	14
16 MHz	Amps	9
32 MHz	Amps	7
<b>Coil Hi-Pot (V RMS, 60 Hz)</b>	V	500
<b>Capacitance</b>		
Across Open Contacts	pF	2
Contacts to Ground	pF	2.5
<b>Resistance, Contact Max @ 1A, 28 Vdc</b>	ohms	0.01
<b>Operate Time</b>	ms	6
<b>Release Time</b>	ms	6
<b>Life, Mechanical</b>	cycles	2 million
<b>Weight, Nominal</b>	g (oz)	28 (1)
<b>Vibration, Operating, Sine (55-500 Hz Peak)</b>	G's	10
<b>Shock, Operating, 1/2 Sine11ms (Peak)</b>	G's	50
<b>Temperature Ambient Operating</b>	°C	-55 to +125

\*\* Consult factory for load switching applications.



**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%)	80	335	6000

**PART NUMBER SYSTEM**

<b>GH1</b>	
<b>High Voltage/Power Terminal Connections</b>	
<b>Coil Voltage*</b>	<b>Blank</b> = 26.5 Vdc <b>-12Vdc</b> = 12Vdc <b>-115Vdc</b> = 115Vdc

\* 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.