

### FEATURES

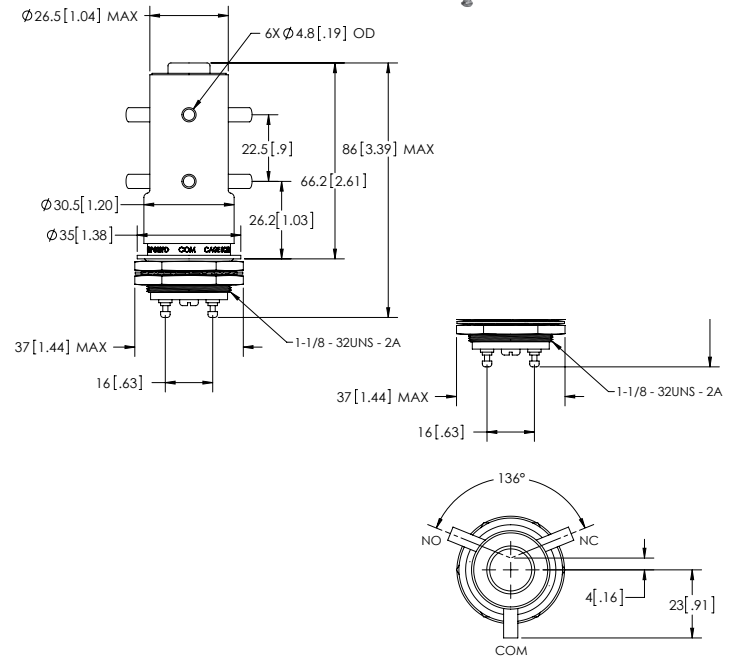
- > Low stable contact resistance for high carry current and low voltage drop
- > Low loss in RF circuits
- > Mounting options in any axis
- > Solder or convenient threaded HV connections



### PRODUCT SPECIFICATIONS

Contact & Relay Ratings	Units	G8SPD
<b>Contact Form</b>		2C
<b>Contact Arrangement</b>		DPDT
Contact Material (moveable/stationary)		molybdenum /tungsten
Dielectric		Vacuum
<b>Voltage, Test Max., Contacts &amp; to Base (15 µA Leakage Max.)</b> dc or 60Hz	kV Peak	17
<b>Voltage, Operating Max., Contacts &amp; to Base (15 µA Leakage Max.)</b>		
dc or 60 Hz	kV Peak	15
2.5 MHz	kV Peak	12
16 MHz	kV Peak	9
32 MHz	kV Peak	7
<b>Current, Load Switching</b>		Contact factory **
<b>Current, Continuous Carry Max</b>		
dc or 60 Hz	Amps	30
2.5 MHz	Amps	18
16 MHz	Amps	10
32 MHz	Amps	6
<b>Coil Hi-Pot (V RMS, 60 Hz)</b>	V	500
<b>Capacitance</b>		
Across Open Contacts	pF	1
Contacts to Ground	pF	2.5
<b>Resistance, Contact Max @ 1A, 28 Vdc</b>	ohms	0.025
<b>Operate Time</b>	ms	20
<b>Release Time</b>	ms	8
<b>Life, Mechanical</b>	cycles	1 million
<b>Weight, Nominal</b>	g (oz)	160 (6)
<b>Vibration, Operating, Sine (55-500 Hz Peak)</b>	G's	10
<b>Shock, Operating, 1/2 Sine 11ms (Peak)</b>	G's	1.5
<b>Temperature Ambient Operating</b>	°C	-55 to +125

\*\* Consult factory for load switching applications.



### COIL RATINGS

Nominal, Volts dc	12	26.5
Pick-up, Volts dc, Max.	8	16
Drop-Out, Volts dc	.5 - 5	1 - 10
Coil Resistance (Ohms ±10%)	60	285

### PART NUMBER SYSTEM

G8	S	P	D
<b>High Voltage/Power Terminal Connections</b>	S = Solder Pot W = Screw		
<b>Mounting</b>		P = Through Panel	
<b>Coil Voltage*</b>			D = 26.5 Vdc D-12Vdc = 12Vdc

\* 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.

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Mailing Address: Sensata Technologies, Inc., 529 Pleasant Street, Attleboro, MA 02703, USA

## CONTACT US

### Regional head offices:

#### United States of America

Sensata Technologies

Attleboro, MA

**Phone:** 508-236-3800

**E-mail:** [support@sensata.com](mailto:support@sensata.com)

#### Netherlands

Sensata Technologies Holland B.V.

Hengelo

**Phone:** +31 74 357 8000

**E-mail:** [support@sensata.com](mailto:support@sensata.com)

#### China

Sensata Technologies China Co., Ltd.

Shanghai

**Phone:** +8621 2306 1500

**E-mail:** [support@sensata.com](mailto:support@sensata.com)

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