



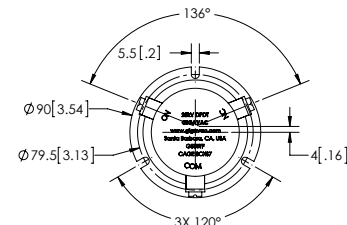
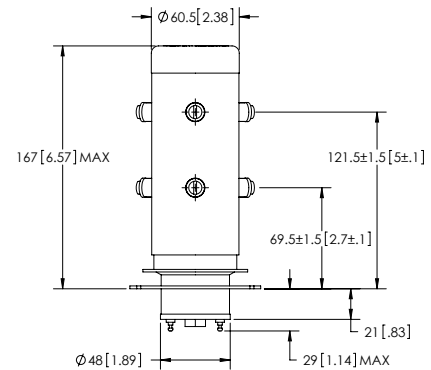
**FEATURES**

- > High current carry in a small package
- > Low stable contact resistance minimizes loss in RF circuits
- > DPDT Form for added circuit capacity
- > Threaded HV terminals provide easy and secure connection

**PRODUCT SPECIFICATIONS**

Contact & Relay Ratings	Units	G53
Contact Form		2C
Contact Arrangement		DPDT
Contact Material (moveable/stationary)		molybdenum /copper
Dielectric		Vacuum
Voltage, Test Max., Contacts & to Base (15 µA Leakage Max.) dc or 60Hz	kV Peak	25
Voltage, Operating Max., Contacts & to Base (15 µA Leakage Max.)		
dc or 60 Hz	kV Peak	20
2.5 MHz	kV Peak	15
13.56 MHz	kV Peak	10
Current, Load Switching **		Contact factory
Current, Continuous Carry Max		
dc or 60 Hz	Amps	150
2.5 MHz	Amps	70
13.56 MHz	Amps	45
Coil Hi-Pot (V RMS, 60 Hz)	V	500
Capacitance		
Across Open Contacts	pF	5
Contacts to Ground	pF	5
Resistance, Contact Max @ 1A, 28 Vdc	ohms	0.012
Operate Time	ms	100
Release Time	ms	15
Life, Mechanical	cycles	1 million
Weight, Nominal	g (oz)	1600 (56)
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

\*\* Consult factory for load switching applications.



**COIL RATINGS**

Nominal, Volts dc	26.5
Pick-up, Volts dc, Max.	16
Drop-out, Volts dc	1 - 10
Coil Resistance (Ohms ±10%)	60

**PART NUMBER SYSTEM**

G53	W	P	
High Voltage/Power Terminal Connections	W = Screw		
Mounting		F = Flange	
Coil Voltage *			Blank = 26.5 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.