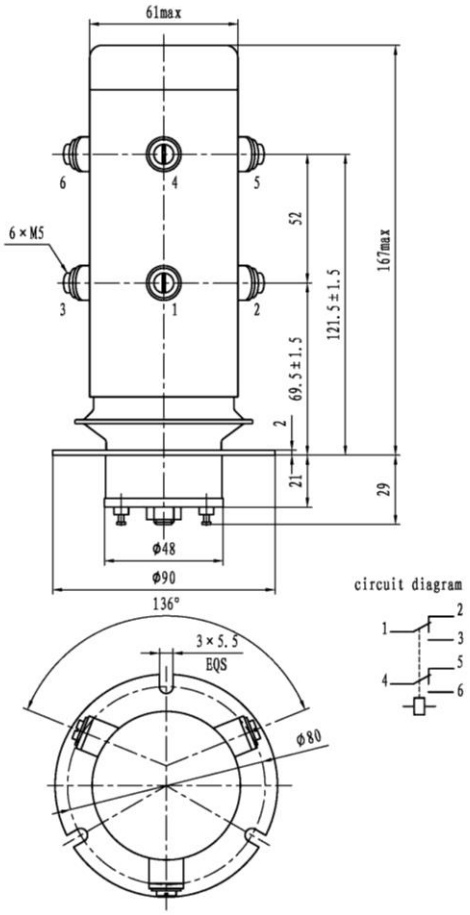
GL53 High Voltage Vacuum Relay

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	GL53
Contact Form		2C
Contact Arrangement		DPDT
Voltage, Test Max. (dc or 60Hz)	kV Peak	25
Voltage, Operating Max., Contacts & to Base		
dc or 60Hz	kV Peak	20
2.5MHz	kV Peak	15
13.56MHz	kV Peak	10
Current, Continuous Carry Max		
dc or 60Hz	Amps	150
2.5MHz	Amps	70
13.56MHz	Amps	45
Coil Hi-Pot (V RMS, 60 Hz)	V	500
Capacitance (typical value)		
Across Open Contacts	pF	5
Contacts to Ground	pF	5
Resistance, Contact Max @1A,28Vdc	ohms	0.008
Operate Time Max	ms	100
Release Time Max	ms	15
Life, Mechanical	Cycles	1 million
Weight, Nominal	g(oz)	1600 (56)
Vibration, Operating, Sine (10-55 Hz Peak)	G's	10
Shock, Operating, 1/2 Sine 11ms (Peak)	G's	30
Temperature Ambient Operating	°C	-55 to +125
Mounting Form	Vertical	

COIL RATINGS (25℃)		
Nominal, Volts Vdc	12	26.5
Pick-up, Volts dc, Max.	8	16
Drop-Out, Volts dc	0.5-5	1-10
Coil Resistance (Ω±10%)	15	60

PART NUMBER SYSTEM

GL53	W	F	
High Voltage/ Power Terminal Connections	W = Screw		
Mounting		F = Flange	
Coil Voltage			Blank = 26.5Vdc -12Vdc=12Vdc