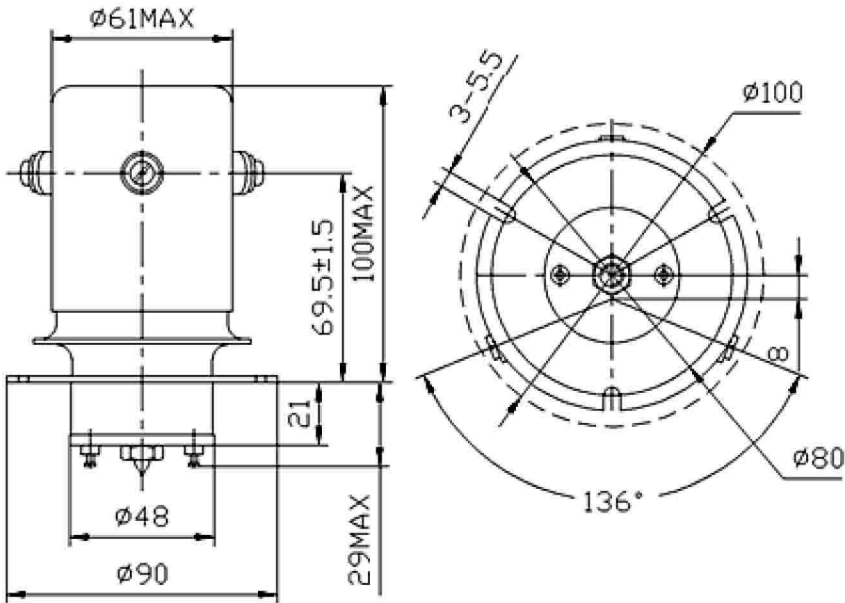


## High Voltage Relays: GL50



### Features

- Rugged, high current carry ceramic relay
- Vacuum as dielectric, low contact resistance



Product Specification			
Contact & Relay Ratings	Units	GL50WF	
Contact Form		C	
Contact Arrangement		SPDT	
Test Voltage, (kV, Peak), Test Max., Contacts & to Base (15 $\mu$ A Leakage Max., dc or 60Hz)	KV Peak	30	
Rated Operating Voltage, (kV, Peak), Contacts & to Base (15 $\mu$ A Leakage Max.)	dc or 60Hz	KV Peak	25
	2.5MHz	Kv Peak	-
	16MHz	KV Peak	-
Continuous Current, Carry Max	32MHz	KV Peak	-
	dc or 60Hz	Amps	110
	2.5MHz	Amps	-
Coil Hi-Pot (V RMS, 60 Hz)	16MHz	Amps	-
	32MHz	Amps	-
Capacitance	Across Open Contacts	pF	5
	Contacts to Ground	pF	5
Resistance, Contact Max @ 1A, 28Vdc	ohms	0.005	
Operate Time, Max	ms	100	
Release Time, Max	ms	15	
Mechanical Life	Cycles	1 million	
Weight	g	1000(35)	
Vibration, Sine (10-2000 Hz Peak)	G's	10	
Shock, 1/2 Sine 11ms (Peak)	G's	30	
Operating Temperature Ambient	$^\circ\text{C}$	-55 ~ +125	

Coil Ratings		
Nominal, Volts dc	24	26.5
Pick-up, Volts dc, Max	16	16
Drop-Out, Volts dc	1-10	1-10
Coil Resistance ( $\Omega \pm 10\%$ )	190	190

\* Ratings listed are for 25 $^\circ\text{C}$ , sea level conditions

GL50 W F 26.5Vdc

High Voltage/Power Terminal W = Screw
Mounting F = Flange
Coil Voltage 25.6Vdc = 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.