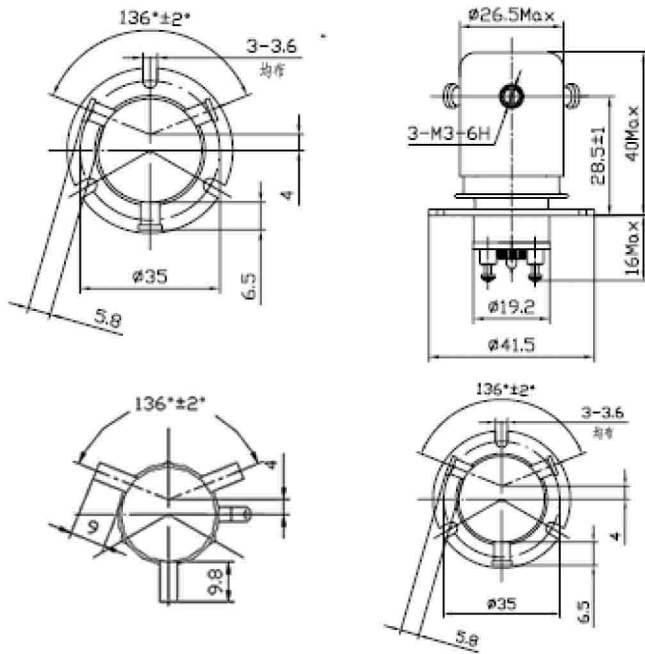


High Voltage Relays: GL2



Features

- High carry current, 50A dc continuous, in a small package
- Low, stable contact resistance minimizes loss in RF circuits
- Two mounting styles available, flange or through panel with jam nut.
- Solder or threaded high voltage connections help make installation easy.
- User interchangeable coils provide for driver versatility
- Consult factory for load switching applications



Product Specification			
Contact & Relay Ratings		Units	GL2
Contact Form			C
Contact Arrangement			SPDT
Test Voltage, (kV, Peak), Test Max., Contacts & to Base (15 μA Leakage Max., dc or 60Hz)		KV Peak	17
Rated Operating Voltage, (kV, Peak), Contacts & to Base (15 μA Leakage Max.)	dc or 60Hz	KV Peak	15
	2.5MHz	Kv Peak	12
	16MHz	KV Peak	9
	32MHz	KV Peak	7
Continuous Current, Carry Max	dc or 60Hz	Amps	50
	2.5MHz	Amps	30
	16MHz	Amps	17
	32MHz	Amps	10
Coil Hi-Pot (V RMS, 60 Hz)		V	500
Capacitance	Across Open Contacts	pF	0.5
	Contacts to Ground	pF	1
Resistance, Contact Max @ 1A, 28Vdc		ohms	0.012
Operate Time, Max		ms	15
Release Time, Max		ms	9
Mechanical Life		Cycles	1 million
Weight		g(02)	84(3)
Vibration, Sine (10-2000 Hz Peak)		G's	10
Shock, 1/2 Sine 11ms (Peak)		G's	50
Operating Temperature Ambient		°C	-55 ~ +125

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 (Ω±10%)	60	250	3500
* Ratings listed are for 25°C, sea level conditions			

GL2 S F - 12Vdc

High Voltage/Power Terminal
 S = Solder Pot
 W = Screw

Mounting
 P = Through Panel
 F = Flanged

Coil Voltage
 Blank = 26.5 Vdc
 12Vdc = 12 Vdc
 115Vdc = 115 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.