

10KV PCB mount high voltage relay

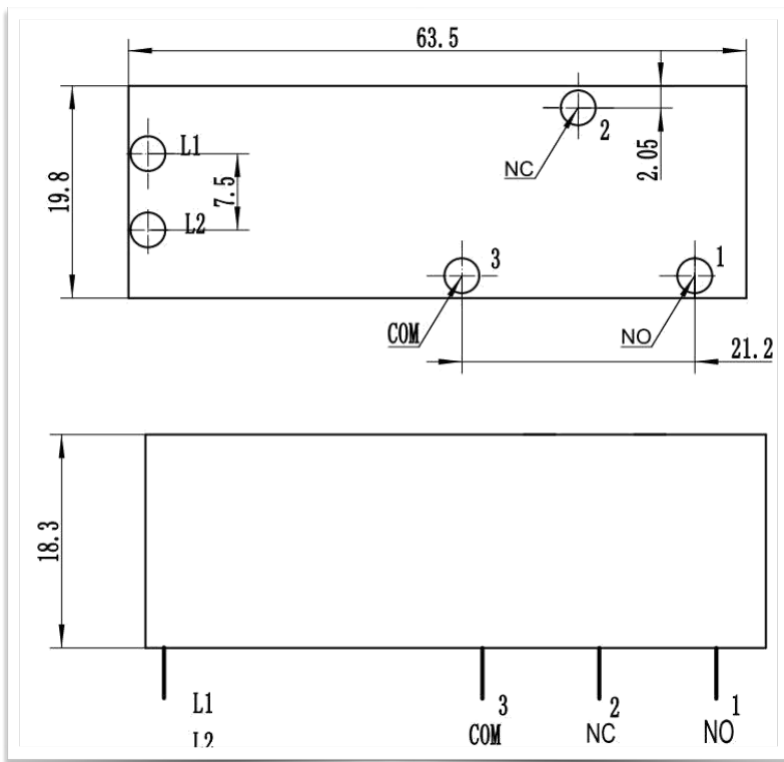
G81 series Vacuum Relay

Tungsten contacts improve hot load switching

Contact Support for load capability

Can be mounted in any position, any axis

PCB and flying leads mount versions



Technical Parameters

Contact & Relay Ratings	Units	GHR81A (G81A)	GHR81B (G81B)	GHR81C (G81C)
Contact Form		A	B	C
Contact Arrangement		SPST-NO	SPST-NC	SPDT
Voltage,Test Max.,Contacts &to Base(15 μ A Leakage Max.,dc or 60Hz)	kV Peak	11	11	11
Voltage,Operating Max.,Contacts &to Base (15 μ A Leakage Max.)-dc or 60 Hz	kV Peak	10	10	10
Current,Continuous Carry Max -dc or 60 Hz	Amps	5,10	5,10	5,10
Resistance,Contact Max @1A,28 Vdc	ohms	0.03	0.03	0.03
Operate Time	ms	10	10	10
Release Time	ms	10	10	10
Life,Mechanical	cycles	2 million	2 million	2 million
Weight,Nominal	g	56	56	56
Vibration,Operating,Sine (55-500 Hz Peak)	G's	10	10	10
Shock,Operating,1/2 Sine11ms (Peak)	G's	30	30	30
Temperature Ambient Operating	$^{\circ}$ C	-55 to 85	-55 to 85	-55 to 85

Coil Rating

Nominal,Volts dc	12	26.5	115
Pick-up,Volts dc,Max.	8	16	80
Drop-Out,Volts dc	0.5-5	1-10	5-50
Coil Resistance (0hms \pm 10%)	70	290	4700

Part Numbers

GHR81A/B/C	3	3	5
Coil Voltage	2 - 12Vdc PC pins 3 - 26.5Vdc PC pins 5 - 115Vdc PC Pins		
High Voltage Connection	3 - PCB pins 5Amp 4 - Flaying leads 12Amp		
Mounting	5 - PC board		