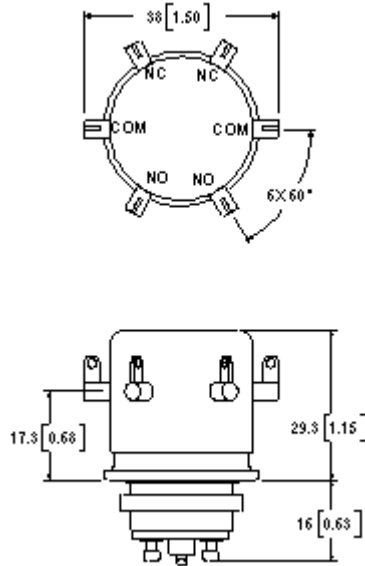


Make & Break Load Switching
 RoHS Compliant, date code 0701 and later



FEATURES	
•	Smallest ceramic DPDT high voltage relay, more robust than glass
•	Vacuum dielectric and Tungsten contacts for power switching
•	8 kV rating
•	Meets or exceeds MIL-R-83725
•	User interchangeable coils provide for driver versatility

PRODUCT SPECIFICATIONS		
Contact & Relay Ratings	Units	G12
Contact Form		2C
Contact Arrangement		DPDT
Voltage, Test Max., Contacts & to Base (15 µA Leakage Max., dc or 60Hz)	kV Peak	10
Voltage, Operating Max., Contacts & to Base (15 µA Leakage Max.)		
dc or 60 Hz	kV Peak	8
2.5 MHz	kV Peak	5
16 MHz	kV Peak	3
32 MHz	kV Peak	2
Current, Continuous Carry Max		
dc or 60 Hz	Amps	10
2.5 MHz	Amps	7
16 MHz	Amps	3
32 MHz	Amps	2
Coil Hi-Pot (V RMS, 60 Hz)	V	500
Capacitance		
Across Open Contacts	pF	0.8
Contacts to Ground	pF	1.5
Resistance, Contact Max @ 1A, 28Vdc	ohms	0.020
Operate Time	ms	15
Release Time	ms	9
Life, Mechanical	cycles	1 million
Weight, Nominal	g (oz)	71 (2.5)
Vibration, Operating, Sine (10-2000 Hz Peak)	G's	10
Shock, Operating, 1/2 Sine 11ms (Peak)	G's	30
Temperature Ambient Operating	°C	-55 to +125

COIL RATINGS			
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 (Ohms ±10%)	60	250	3500

For more information, refer to [Relay User Instructions](#)

G12 S P - 12Vdc

High Voltage/
 Power Terminal
 Connections
 S = Solder Tab

Mounting
 P = Through Panel

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