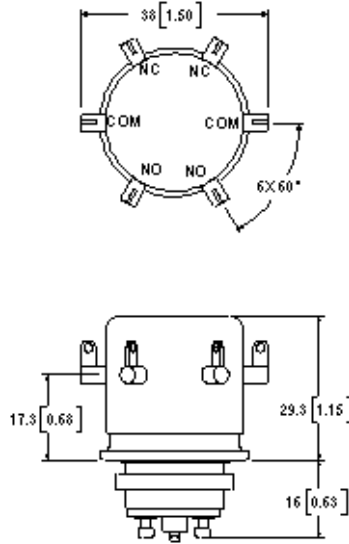


G12SP HAM

2.5 kW Continuous @ 32 MHz



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

PRODUCT SPECIFICATIONS		
Contact & Relay Ratings	Units	G12SP HAM
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	N/A
2.5 MHz	kV Peak	4
16 MHz	kV Peak	2.5
32 MHz	kV Peak	1.5
Current, Continuous Carry Max		
dc or 60 Hz	Amps	N/A
2.5 MHz	Amps	5.4
16 MHz	Amps	2.6
32 MHz	Amps	1.7
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** **HAM**

High Voltage/
Power Terminal
Connections
S = Solder Tab

Mounting
P = Through Panel

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

HAM DESIGNATOR

*Order the relay with the coil voltage and HAM designator in the part number as shown above. The coil voltage will appear on the coil plate near the coil terminals and the HAM designator will appear etched in the band just below the ceramic. They will not appear in the P/N on the relay.

01/11/11