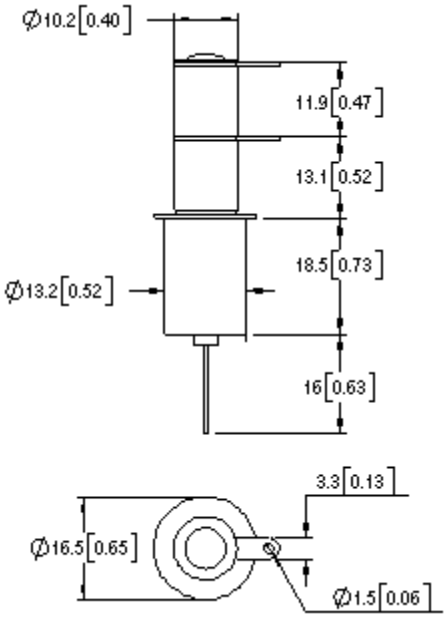
G47A - G47B

8 kV

Make & Break Load Switching

RoHS Compliant, date code 0601 and later



FEATURES

- Slim design is extremely space efficient in multi-relay applications
- RF efficient design offers high power handling in a small package
- Durable tungsten contacts for hot load switching*
- Vacuum dielectric for effective arc quenching when opening under load*
- Meets or exceeds standards set in MIL-R-83725

*Consult factory for load switching applications.

See Mounting & Coil Terminations for additional Options

PRODUCT SPECIFICATIONS

Contact & Relay Ratings	Units	G47A	G47B
Contact Form		A	B
Contact Arrangement		SPST-NO	SPST-NC
Voltage, Test Max., Contacts & to Base (15 µA Leakage Max., dc or 60Hz)	kV Peak	9	9
Voltage, Operating Max., Contacts & to Base (15 µA Leakage Max.)			
dc or 60 Hz	kV Peak	8	8
2.5 MHz	kV Peak	7.5	7.5
16 MHz	kV Peak	7	7
32 MHz	kV Peak	5	5
Current, Continuous Carry Max			
dc or 60 Hz	Amps	12	12
2.5 MHz	Amps	10	10
16 MHz	Amps	5	5
32 MHz	Amps	3	3
Coil Hi-Pot (V RMS, 60 Hz)	V	500	500
Capacitance			
Across Open Contacts	pF	1.2	1.2
Contacts to Ground	pF	1.2	1.2
Resistance, Contact Max @ 1A, 28Vdc	ohms	0.03	0.03
Operate Time	ms	10	10
Release Time	ms	10	10
Life, Mechanical	cycles	2 million	2 million
Weight, Nominal	g (oz)	25 (0.9)	25 (0.9)
Vibration, Operating, Sine (55-1000 Hz Peak)	G's	10	10
Shock, Operating, 1/2 Sine11ms (Peak)	G's	30	30
Temperature Ambient Operating	°C	-55 to +125	-55 to +125

COIL RATINGS

Nominal, Volts dc	12	26.5
Pick-up, Volts dc, Max.	8	16
Drop-Out, Volts dc	.5 - 5	1 - 10
Coil Resistance (Ohms ±10%)	230	920

Ratings listed are for 25°C, sea level conditions

For more information, refer to

Relay User Instructions

G47 A 3 3 4

Contact Form
A = SPST-NO
B = SPST-NC

Coil Voltage
2 = 12 Vdc, Bus Wire
3 = 26.5 Vdc, Bus Wire

High Voltage Connections
3 = Solder Connection

Mounting
2 = Flanged
4 = Standard

01/11/11

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