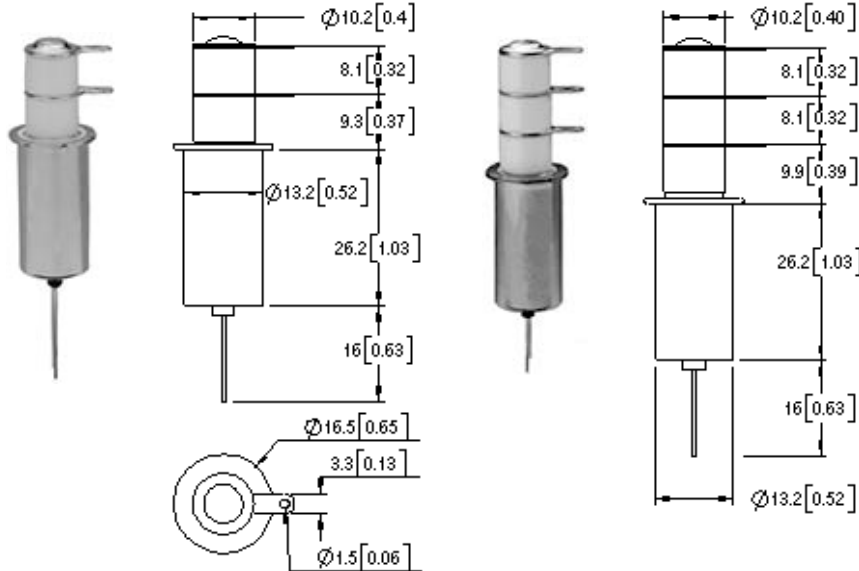


G41A - G41B - G41C

5 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 *
◆	Can be mounted and used in any position
◆	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	G41A	G41B	G41C	
Contact Form		A	B	C	
Contact Arrangement		SPST-NO	SPST-NC	SPDT	
Voltage, Test Max., Contacts & to Base (15 µA Leakage Max., dc or 60Hz)	kV Peak	6	6	6	
Voltage, Operating Max., Contacts & to Base (15 µA Leakage Max.)					
dc or 60 Hz	kV Peak	5	5	5	
2.5 MHz	kV Peak	4.5	4.5	4.5	
16 MHz	kV Peak	3.5	3.5	3.5	
32 MHz	kV Peak	2.8	2.8	2.8	
Current, Continuous Carry Max					
dc or 60 Hz	Amps	30	30	30	
2.5 MHz	Amps	24	24	24	
16 MHz	Amps	16	16	16	
32 MHz	Amps	12	12	12	
Coil Hi-Pot (V RMS, 60 Hz)	V	500	500	500	
Capacitance					
Across Open Contacts	pF	1.2	1.2	1.2	
Contacts to Ground	pF	1.2	1.2	1.2	
Resistance, Contact Max @ 1A, 28Vdc	ohms	0.02	0.02	0.02	
Operate Time	ms	10	10	10	
Release Time	ms	10	10	10	
Life, Mechanical	cycles	2 million	2 million	2 million	
Weight, Nominal	g (oz)	28 (1)	28 (1)	28 (1)	
Vibration, Operating, Sine (55-2000 Hz Peak)	G's	10	10	10	
Shock, Operating, 1/2 Sine 11ms (Peak)	G's	50	50	50	
Temperature Ambient Operating	°C	-55 to +125	-55 to +125	-55 to +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 (Ohms ±10%)	70	290	4700

Ratings listed are for 25°C, sea level conditions

For more information, refer to

[Relay User Instructions](#)

G41 A 3 3 4

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

Coil Voltage
2 = 12 Vdc, Bus Wire
3 = 26.5 Vdc, Bus Wire
5 = 115 Vdc, Bus Wire
7 = 12 Vdc, Turret Terminal
8 = 26.5 Vdc, Turret Terminal
9 = 115 Vdc, Turret Terminal

High Voltage Connections
3 = Solder Connection

Mounting
2 = Flanged
4 = Standard

02/16/10