

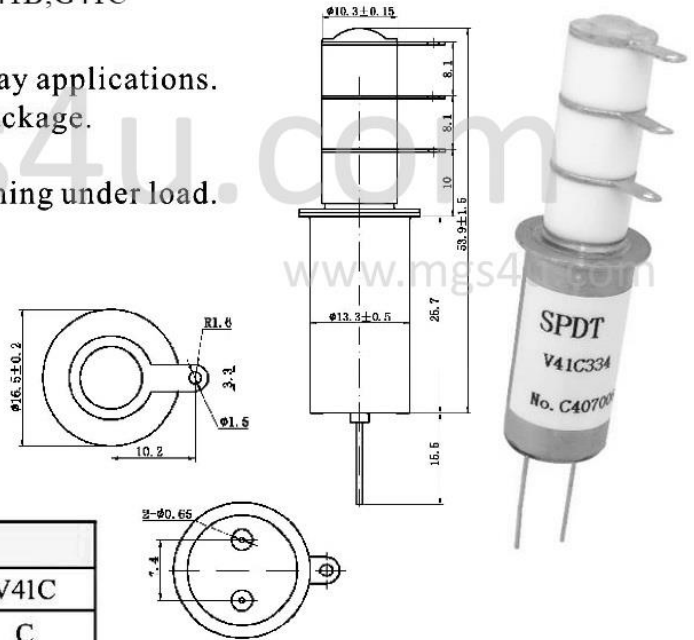
Vacuum Relays

V41A V41B V41C

Reference Model: (Kilovac) : K41A;K41B;K41C
(Gigavac) : G41A;G41B;G41C

Features :

- Slim design is extremely space efficient in multi-relay applications.
- RF efficient design offers high power handing 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.



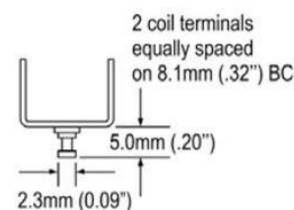
PRODUCT SPECIFICATIONS				
Contact & Relay Ratings	Units	V41A	V41B	V41C
Contact Form		A	B	C
Contact Arrangement		SPST-NO	SPST-NC	SPDT
Voltage, Test Max., Contacts & to Base (15µA Leakage Max., dc or 60Hz)	KV Peak	6	6	6
Voltage, Operating Max., Contacts & to Base (15µA Leakage Max.)	dc or 60Hz	KV Peak	5	5
	2.5MHz	KV Peak	4.5	4.5
	16MHz	KV Peak	3.5	3.5
	32MHz	KV Peak	2.8	2.8
Current, Continuous Carry Max.	dc or 60Hz	Amps	30	30
	2.5MHz	Amps	24	24
	16MHz	Amps	16	16
	32MHz	Amps	12	12
Coil Hi-Pot (V RMS, 60Hz)	V	500	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	0.02	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, Operation, 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° , sea level conditions.

V41C	3	3	4
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 = 3-hole Flange 4 = Std Flange		

Turret Terminal



3-Hole Flange

