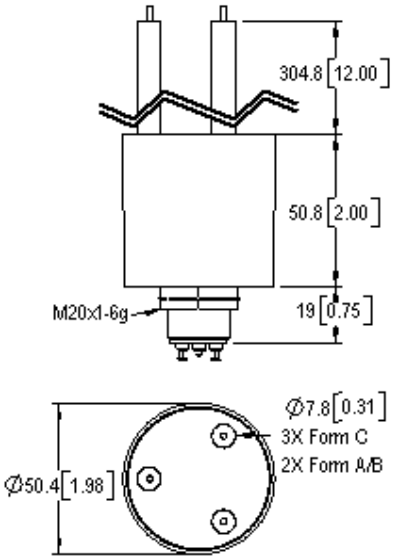
G61A - G61B - G61C 35 kV

Make Only Load Switching

RoHS Compliant



FEATURES

G61A & G61B & G61C
Make Only Load Switchings

- Compact design saves precious space while isolating 35kV
- Flying leads provide versatile high voltage connections
- Excellent for capacitive discharge and safety dump switch applications
- Effectively bounce free operation

PRODUCT SPECIFICATIONS

Contact & Relay Ratings	Units	G61A	G61B	G61C
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	40	40	40
Voltage, Operating Max., Contacts & to Base (15 µA Leakage Max.)				
dc	kV Peak	35	35	35
60 Hz RMS	kV Peak	30	30	30
2.5 MHz	kV Peak	-	-	-
16 MHz	kV Peak	-	-	-
32 MHz	kV Peak	-	-	-
Current, Continuous Carry Max				
dc or 60 Hz	Amps	10	10	10
2.5 MHz	Amps	-	-	-
16 MHz	Amps	-	-	-
32 MHz	Amps	-	-	-
Coil Hi-Pot (V RMS, 60 Hz)	V	500	500	500
Capacitance				
Across Open Contacts	pF	-	-	-
Contacts to Ground	pF	-	-	-
Resistance, Contact Max @ 1A, 28 Vdc	ohms	1.0	1.0	1.0
Operate Time	ms	15	15	15
Release Time	ms	15	15	15
Life, Mechanical	cycles	1 million	1 million	1 million
Weight, Nominal	g (oz)	336 (12)	336 (12)	336 (12)
Vibration, Operating, Sine (55-500 Hz Peak)	G's	10	10	10
Shock, Operating, 1/2 Sine 11ms (Peak)	G's	20	20	20
Temperature Ambient Operating	°C	-55 to +85	-55 to +85	-55 to +85

COIL RATINGS

Nominal, Volts dc	12	26.5	115
Pick-up, Volts dc, Max.	9	18	90
Drop-Out, Volts dc	.5 - 5	1 - 10	5 - 50
Coil Resistance (Ohms ±10%)	30	125	2000

Ratings listed are for 25°C, sea level conditions

For more information, refer to
Relay User Instructions

G61 A 7 4 1

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

Coil Voltage
7 = 12 Vdc, Turret Terminal
8 = 26.5 Vdc, Turret Terminal
9 = 115 Vdc, Turret Terminal

High Voltage Connections
4 = Flying Leads, 12"
7 = Flying Leads, 72"
8 = Flying Leads, 36"

Mounting
1 = Threaded

09/06/11

GIGAVAC® - P.O. Box 4428 - Santa Barbara, CA 93140-4428 - ph +(805) 684-8401 - +(805) 755-2000
fx +(805) 684-8402 - info@gigavac.com - www.gigavac.com -