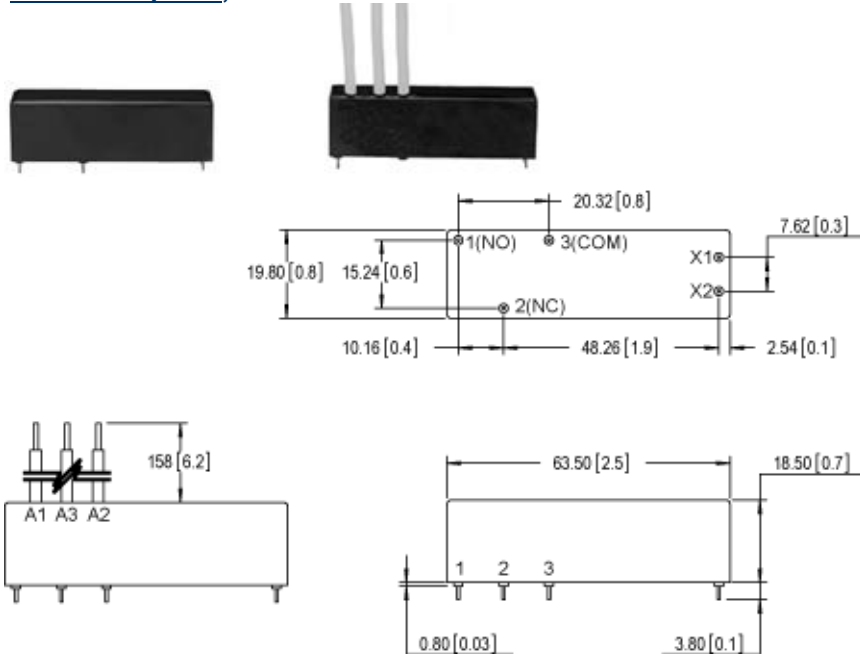


G81C**10 kV**

Make & Break Load Switching

RoHS Compliant, date code 0701 and later

**FEATURES**

- Smallest profile available for a high power 10kV relay
- All PC pin or PC pin & flying lead connections provide mounting and connection versatility
- Durable tungsten contacts for hot load switching*
- Vacuum dielectric for effective arc quenching when opening under load*

*Consult factory for load switching applications

PRODUCT SPECIFICATIONS

Contact & Relay Ratings	Units	G81C
Contact Form		C
Contact Arrangement		SPDT
Voltage, Test Max., Contacts & to Base (15 μ A Leakage Max., dc or 60Hz)	kV Peak	11
Voltage, Operating Max., Contacts (15 μ A Leakage Max.)		
dc or 60 Hz	kV Peak	10
2.5 MHz	kV Peak	-
16 MHz	kV Peak	-
32 MHz	kV Peak	-
Current, Continuous Carry Max		
dc or 60 Hz	Amps	5, 30*
2.5 MHz	Amps	-
16 MHz	Amps	-
32 MHz	Amps	-
Coil Hi-Pot (V RMS, 60 Hz)	V	NA
Capacitance		
Across Open Contacts	pF	-
Contacts to Ground	pF	-
Resistance, Contact Max @ 1A, 28Vdc	ohms	0.05
Operate Time	ms	10
Release Time	ms	10
Life, Mechanical	cycles	2 million
Weight, Nominal	g (oz)	70 (2.5)
Vibration, Operating, Sine (55-500 Hz Peak)	G's	10
Shock, Operating, 1/2 Sine 11ms (Peak)	G's	30
Temperature Ambient Operating	°C	-55 to +85

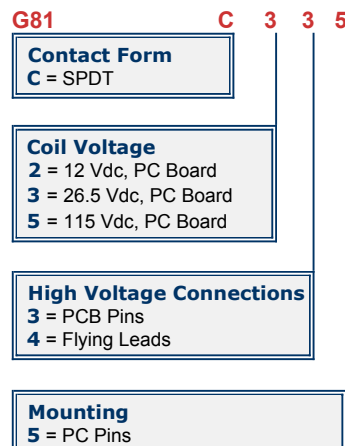
COIL RATINGS

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 $\pm 10\%$)	70	290	4700

Ratings listed are for 25°C, sea level conditions

For more information, refer to

Relay User Instructions



*PC pin versions carry 5 amps, see part number above. Flying lead version carries 30 amps.

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