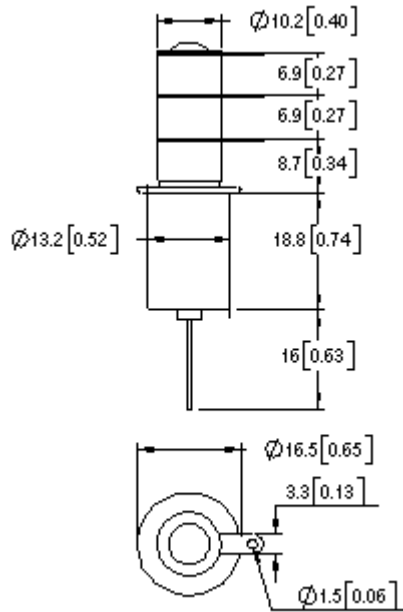


Make & Break Load Switching
 RoHS Compliant, date code 0601 and later



FEATURES	
•	Smallest size double throw, 5 kV, RF rated relay with it's current ratings
•	Very low profile, even when wires connected
•	Vacuum dielectric for low current power switching
•	Low coil power
•	Meets or exceeds MIL-R-83725

See [Mounting & Coil Terminations](#) for additional Options

PRODUCT SPECIFICATIONS		
Contact & Relay Ratings	Units	G45C
Contact Form		C
Contact Arrangement		SPDT
Voltage, Test Max., Contacts & to Base (15 µA Leakage Max., dc or 60Hz)	kV Peak	6
Voltage, Operating Max., Contacts & to Base (15 µA Leakage Max.)		
dc or 60 Hz	kV Peak	5
2.5 MHz	kV Peak	4.5
16 MHz	kV Peak	3.5
32 MHz	kV Peak	2.8
Current, Continuous Carry Max		
dc or 60 Hz	Amps	20
2.5 MHz	Amps	16
16 MHz	Amps	10
32 MHz	Amps	8
Coil Hi-Pot (V RMS, 60 Hz)	V	500
Capacitance		
Across Open Contacts	pF	1.6
Contacts to Ground	pF	2
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)	21 (0.75)
Vibration, Operating, Sine (10-2000 Hz Peak)	G's	10
Shock, Operating, 1/2 Sine 11ms (Peak)	G's	30
Temperature Ambient Operating	°C	-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](#)

G45 **C 3 3 4**

Contact Form C = SPDT	
Coil Voltage 2 = 12 Vdc, Bus Wire 3 = 26.5 Vdc, Bus Wire	
High Voltage Connections 3 = Solder Connection	
Mounting 2 = Flanged 4 = Standard	