

FEATURES

- > Extremely compact high power RF relay
- > Sealed switch assures low stable contact resistance
- > Vacuum dielectric for low signal loss
- > Low coil power
- > Meets or exceeds MIL-R-83725

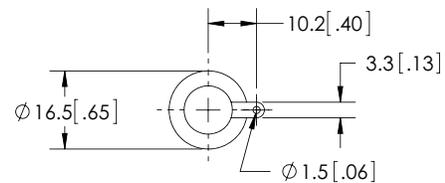
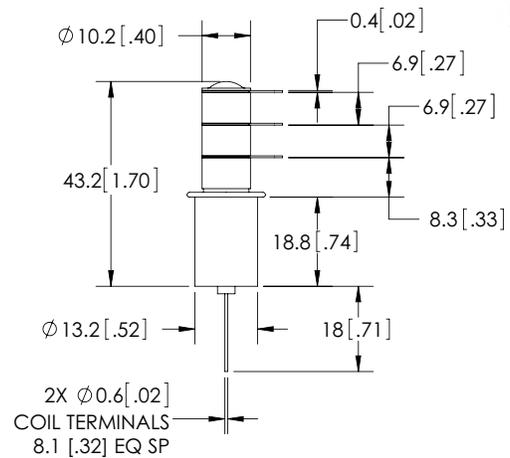
PRODUCT SPECIFICATIONS

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	1.6
Resistance, Contact Max @ 1A, 28 Vdc	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 (55-2000 Hz Peak)	G's	10
Shock, Operating, 1/2 Sine 11ms (Peak)	G's	30
Temperature Ambient Operating	°C	-55 to +125

*Consult factory for load switching applications.

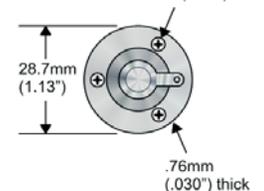
COIL RATINGS

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



3-Hole Flange

3.58mm (.141") thru
3 holes EQL SP
on 22.225mm (.875") BC



PART NUMBER SYSTEM

G45C	3	3	4
Coil Voltage	2 = 12 Vdc, Bus Wire 3 = 26.5 Vdc, Bus Wire		
High Voltage Connections		3 = Solder Connection	
Mounting			2 = 3-hole Flange 4 = Std Flange