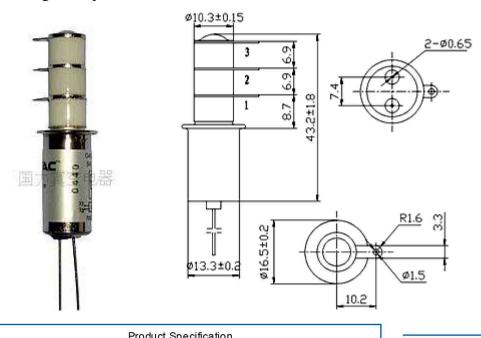
High Voltage Relays: GL45C



Features

- Smallest size double throw, 5 kV, RF rated re lay 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 standards set in MIL-R-83725

	Product	Specification		
Contact & Relay Ratings		Units	GL45C	
Contact Form			С	
Contact Arrangement			SPDT	
Test Voltag,(kV, Peak), Test Max., Contacts & to Base (15 µA Leakage Max., dc or 60Hz)		KV Peak	6	
Rated Operating Voltage,(kV,Peak), Contacts & to Base (15 µA Leakage Max.)	dc or 60Hz	KV Peak	5	
	2.5MHz	Kv Peak	4.5	
	16MHz	KV Peak	3.5	
	32MHz	KV Peak	2.8	
Continuous Current, Carry Max	dc or 60Hz	Amps	20	
	2.5MHz	Amps	16	
	16MHz	Amps	10	
	32MHz	Amps	8	
Coil Hi-Pot (V RMS, 60 Hz)		V	500	
Capacitance	Across Open Contacts	pF	1.5	
	Contacts to Ground	pF	2	
Resistance, Contact Max @ 1A, 28Vdc		ohms	0.05	
Operate Time, Max		ms	10	
Release Time, Max		ms	10	
Mechanical Life		Cycles	2 million	
Weight		g(02)	21 (0.75)	
Vibration, Sine (10-2000 Hz Peak)		G's	10	
Shock, 1/2 Sine11ms (Peak)		G's	30	

°C

Coil Ratings					
Nominal, Volts dc	12	26.5			
Pick-up, Volts dc, Max	8	16			
Drop-Out, Volts dc	.5-5	1-10			
Coil Resistanœ(Ω±10%)	230	920			

GL45	Ç	3 3	4
Contact Arrangement			
C = SPDT			
Coil Voltage			
2 = 12Vdc Inserting			
3 = 26.5Vdc Inserting			
High Voltage Connection	ons		
3 = Solder Connection			
Mounting			
2 = Flanged			
4 = Standard			

* Order the relay with the coil voltage in the part number as shown above. The coil voltage will appear on the coil plate near the coil terminals rather than in the P/N on the relay.

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Operating Temperature Ambient

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