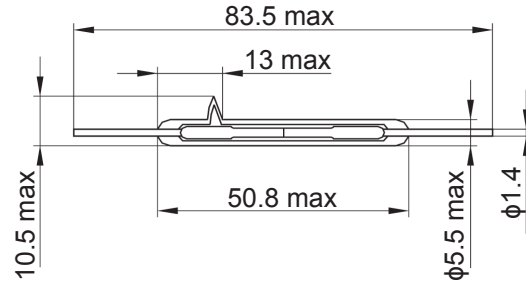


Part Number: GC65 Series
High Voltage Reed Switch
Product Data Sheet

PICTURE



DIMENSIONS



Drawings not to scale.
 All dimensions in mm nominal.

✓ **RoHS Compliant**

SPECIFICATION

PARAMETERS	TYPE			UNIT	
	GC6515	GC6516	GC6517		
Contact Form	Normally Open				
Switching Power	MAX	50		W, VA	
Switching Current	MAX	2		A	
Carry Current	MAX	3		A	
Switching Voltage (DC or AC PEAK)	MAX	5	7.5	10	kV
Breakdown Voltage	MIN	7	10	14	kV _{DC}
Pull-in Ampere turns		100 / 170	100 / 180	120 / 200	AT
Contact Resistance	MAX	100		mΩ	
Operate Time incl. Bounce Time	MAX	3.6		ms	
Release Time	MAX	0.5		ms	
Capacitance	MAX	0.5		pF	
Insulation Resistance	MIN	10 ¹²		Ω	
Environment Category acc. to IEC 68-1		55/125/10			
Operating life tested with resistive loads					
Load 1 5 kV _{DC} , 1 mA		0.5 x 10 ⁶	0.5 x 10 ⁶	0.5 x 10 ⁶	
Load 2 7.5 kV _{DC} , 1 mA					
Load 3 10 kV _{DC} , 1 mA					
Test Coil		CP-12	acc. Polish Standard		
- No. of turns		10000 φ 0.07	PN-75/T-04400		
- Dimensions		φ 7.6 x 25.4			
- Resistance		1480			

NOTE

- When cutting or bending switch leads it is important that the glass seal is not damaged. The cutting or bending point should be no closer than 3mm (.118in.) to the glass to metal seal and the lead should be supported between the cutting or bending point and the glass to metal seal.
- We offer a crop and form service for Reed Switches to be customized to your specification.

As part of the company policy of continued product improvement, specifications may change without notice. Our sales office will be pleased to help you with the latest information on this product range and the details of our full design and manufacturing service. All products are supplied to our standard conditions of sale unless otherwise agreed in writing.

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