

CSG Series

Glass Encapsulated Type for Temperature Sensing



◆ Product Introduction

The Glass Encapsulated NTC Thermistor is a temperature-sensitive component where Dumet wires are welded to the NTC chip surface, and the thermistor chip is encapsulated using glass material. Its resistance value decreases as the temperature increases.

◆ Features

1. Complies with RoHS requirements
2. Glass encapsulation, resistant to high temperatures
3. Operating temperature range: $-40^{\circ}\text{C} \sim +250^{\circ}\text{C}$
4. High temperature measurement accuracy
5. Small size, fast response speed

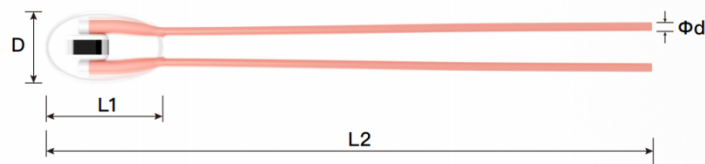
◆ Applications

1. Air conditioners, Heating equipment
2. Electronic thermometers
3. Liquid level sensors
4. Automotive electronics
5. Electronic desk calendars

◆ Coding principles

1	2	3	4	5	6	7		8	9	10	11	12		13		14		15		16	
Product Type		Resistance (3-digit code, 1 digit identifies decimal places)				Resistance Tolerance		B Value				B Value Tolerance		B Value Calculation Method		Package Type		Body Dimensions		Total Length	
CG	Cvilux Cvilux Grass sealed resistor	103	10KΩ			F	±1%	3435		3435K		F	±1%	A	B25/85	R	radial	A	1.6mm	A	28mm
		502	5KΩ			G	±2%	3800		3800K		G	±2%	B	B25/50	A	axial				
		103A	10.75KΩ			H	±3%	3950		3950K		H	±3%								
						J	±5%	4250		4250K		J	±5%								

◆ Structure and dimensions



model	D(mm)	L1(mm)	L2(mm)	Φd(mm)
CG103AF3435FBRAA	1.6 Max	3.2 Max	28 $\pm$ 2	0.2 $\pm$ 0.02