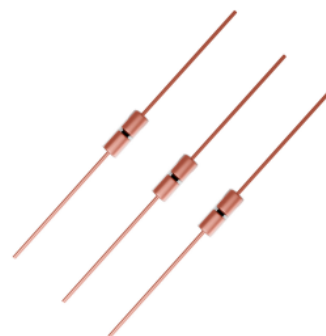


CG Series

Glass Encapsulated Type for Temperature Sensing



◆ Product Introduction

Axial Leaded Glass Encapsulated NTC Thermistor is a temperature-sensitive component with a negative temperature coefficient (NTC) characteristic. It is mainly made of metal oxide materials and manufactured using ceramic processing technology. The leads are connected symmetrically to both ends of the NTC thermistor chip and then encapsulated with glass, forming an axial leaded structure.

◆ Features

1. Excellent stability and high reliability
2. Wide resistance range and high accuracy
3. Operating temperature range: -55°C to +250°C
4. Suitable for harsh environments such as high temperature and high humidity conditions
5. Small size and lightweight design
6. Robust structure, suitable for automated assembly
7. Fast thermal response and high sensitivity

◆ Applications

1. Home Appliances
2. Office Automation Equipment
3. Mobile Phone Batteries and Battery Packs
4. Instrument Coils and Integrated Circuits

◆ Part Numbering System

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16											
Product Type		Resistance Value (3 digits, the last digit indicates the number of decimal places)				Resistance Accuracy		B Value			B Value Tolerance		B Value Calculation Method		Encapsulation Type / Package Type		Body Dimension		Overall Length							
CG	Grass Encapsulated	103	10KΩ			F	±1%		3435	3435K		F	±1%		A	B _{25/85}		R	Radial		A	4mm		A	60mm	
		502	5KΩ			G	±2%		3800	3800K		G	±2%		B	B _{25/50}		A	Axial							
		103A	10.75KΩ			H	±3%		3950	3950K		H	±3%													
						J	±5%		4250	4250K		J	±5%													

◆ Structure and Dimension

