

# GQ Glass Coated Chip Thermistor



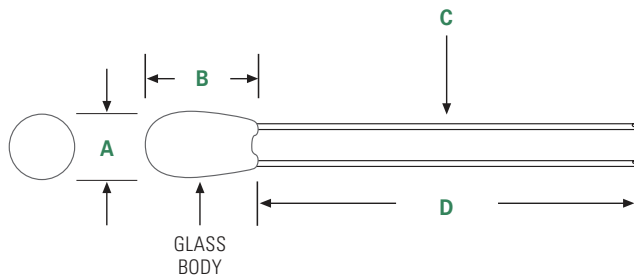
## Description

Littelfuse radial leaded glass coated chip thermistors feature excellent long-term stability and reliability as well as a fast thermal response time. They are especially suitable for temperature measurement and control where extreme temperatures, corrosive atmospheres and/or harsh environments are encountered. Their low cost and excellent reliability make them useful for applications ranging from HVAC/R to Industrial Controls to Consumer Appliances.

## Options

- Non-standard resistance values and tolerances

## Dimensions



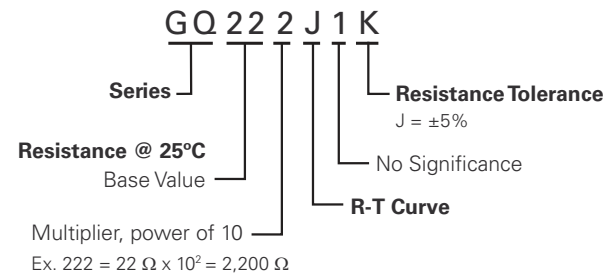
Dimensions shown in inches.

| A             | B             | C                                | D            |
|---------------|---------------|----------------------------------|--------------|
| 0.140"<br>Max | 0.225"<br>Max | 0.0098"<br>Nom Dia<br>Lead Wires | 1.00"<br>Min |

## Features

- High temperature capability to +250°C
- High stability
- Solderable lead wires
- Fast thermal response time

## Part Numbering System



Note: Not all combinations of Part Number codes are available. Contact Littelfuse for details.

## Specifications

| Part Number | Resistance Ohms @ 25°C | *Resistance Tol. ± % @ 25°C | R-T Curve | Temperature Coefficient (% / °C) @ 25°C | Beta (K) 25-85°C | Temperature Range (°C) |
|-------------|------------------------|-----------------------------|-----------|---|------------------|------------------------|
| GQ222J1K    | 2252                   | 10                          | J         | -4.4                                    | 3977             | -55 to +250            |

\*Resistance tolerances of ± 1%, 2%, and 5% are available upon request

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