

[Speed, Position & Current](#)[Thermal](#)[Pressure, Force & Flow](#)[Relays](#)[Switches & Equipment Health](#)[Potentiometers & Resistors](#)[Safety Products](#)[Vehicle Controls & Monitoring](#)[Test & Measurement](#)

- Heaters
- Humidity Sensors

Honeywell Sensing and Control



Temperature Sensors

Thermal Cutoffs

Thermistors & Probes

> Chip Series Standard NTC Thermistors

> Disc Thermistors

> E-I Matched Bead Thermistors

> Surface Mounted, End-Banded NTC Thermistors

> Glass Encapsulated Chip Thermistors

> Glass Probes

> ICL Inrush Current Limiter Thermistors

> ISO-Curve Glass Bead and Glass Probe Thermistors

> Linear Thermistor Network (LTN)

> Posi-Chip Series PTC Thermistors

> Resistance-Temperature Conversion Tables

Thermostats

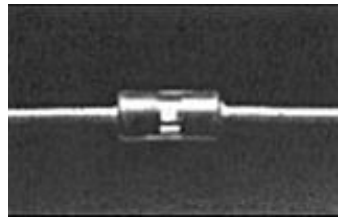
Quick Links

Products & Applications

Contact Us

Request Free Literature

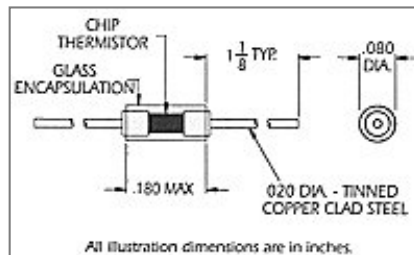
Glass Encapsulated Chip Thermistors



Honeywell Glass Encapsulated Chip Thermistors are a high quality line of low-cost, hermetically sealed, glass-encapsulated units that evolved from the highly successful and field-proven Honeywell Standard Chip Series. Added to the feature of "true low cost" is "delivery from stock" in high volume. They are designed to cover the full temperature range of -60 °C to 300 °C. The uniform dimensions are ideally suited for automated assembly. This rugged sensor is designed for any application which demands reliability at a low cost. The tinned copper-clad steel leads are both solderable and weldable. The leads may be formed/cut for radial lead applications. Glass Encapsulated Chip Thermistors are available to our customers bulk packaged or on tape and reel.

Features

- Low cost
- Rugged DO-35 glass encapsulation
- High temp. capability (300 °C)
- Delivery from stock
- Ideal for highly automated assembly
- Also available on tape and reel
- D.C. 2.5mW/°C in still air min.
- T.C. 4 s in still air max.



Electrical Characteristics

Resistance at 25 °C (Ohm)	R-T Curve	Catalog Listing (D)	Tolerance at 25 °C
1,000	10A	135-102DAG-J01	10 %
2,000	10	135-202FAG-J01	10 %
3,000	10	135-302FAG-J01	10 %
5,000	10	135-502FAF-J01	5 %
5,000	10	135-502FAG-J01	10 %
10,000	10	135-103FAF-J01	5 %
10,000	10	135-103FAG-J01	10 %
10,000	16	135-103LAF-J01	5 %
20,000	16	135-203LAG-J01	10 %
30,000	16	135-303KAG-J01	10 %
50,000	16	135-503LAF-J01	5 %
50,000	16	135-303LAG-J01	10 %
100,000	16	135-104LAF-J01	5 %
100,000	16	135-104LAG-J01	10 %
200,000	1	135-204QAG-J01	10 %
500,000	1	135-504QAG-J01	10 %

Part Number Search

Search the Sensing and Control Interactive Catalog.

Keyword Search

Search for product and support information.

→ **Advanced Search**

Download Technical Docs

1 M

1

135-105QAG-J01

10 %

Also offered in 1 %, 2 % and 3 % tolerances.

Interchangeable, R-T Curve Matched: These Glass Encapsulated Chip Thermistor units are specifically designed to offer interchangeability over the standard temperature range of 0 °C to 100 °C.

→ **Electrical Characteristics (± 1 °C from 0 °C to 100 °C)**

Resistance at 25 °C (Ohm)	R-T Curve	Catalog Listing (D)
10,000	16	135-103LFW-J01
20,000	16	135-203LFW-J01
30,000	16	135-303LFW-J01
50,000	16	135-503LFW-J01
100,000	16	135-104LFW-J01

(D) = Distributor item