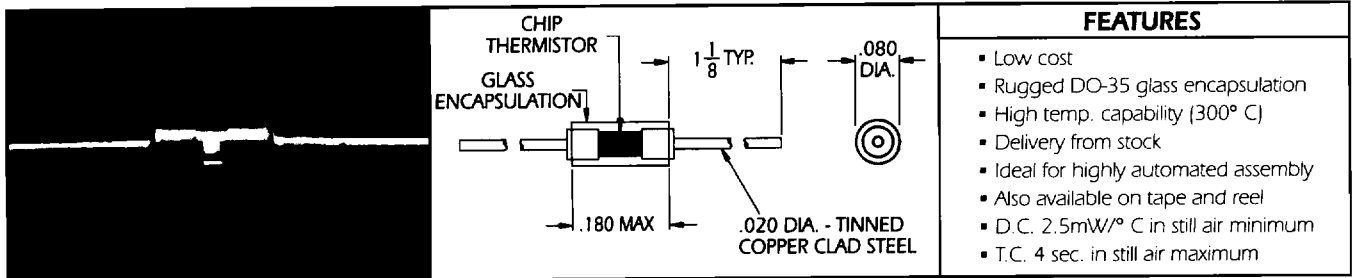


GLASS ENCAPSULATED CHIP SERIES



All illustration dimensions are in inches.

- 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 minimum
 - T.C. 4 sec. in still air maximum

GLASS ENCAPSULATED CHIP Thermistors are a high quality line of Low Cost, Hermetically Sealed, glass encapsulated units that evolved from Fenwal Electronics, Inc.'s highly successful and field-proven 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. A rugged sensor, it is designed for any application which demands reliability at a Low Cost. The tinned copper clad steel leads are both solderable and weldable, and leads may be formed/cut for radial lead applications.

Fenwal Electronics' Glass Encapsulated Chip Thermistors are available to our customers Bulk Packaged or on Tape and Reel.

| ELECTRICAL CHARACTERISTICS | | | | | | | | | | | |
|----------------------------|-----------|----------------|--------------------|------------------------|-----------|----------------|--------------------|------------------------|-----------|----------------|--------------------|
| Resis. at 25° C (Ohms) | R-T Curve | Part ① Number | Tolerance at 25° C | Resis. at 25° C (Ohms) | R-T Curve | Part ① Number | Tolerance at 25° C | Resis. at 25° C (Ohms) | R-T Curve | Part ① Number | Tolerance at 25° C |
| 1,000 | 10A | 135-102DAG-J01 | 10% | 10,000 | 10 | 135-103FAG-J01 | 10% | 100,000 | 16 | 135-104LAF-J01 | 5% |
| 2,000 | 10 | 135-202FAG-J01 | 10% | 10,000 | 16 | 135-103LAF-J01 | 5% | 100,000 | 16 | 135-104LAG-J01 | 10% |
| 3,000 | 10 | 135-302FAG-J01 | 10% | 20,000 | 16 | 135-203LAG-J01 | 10% | 200,000 | 1 | 135-204QAG-J01 | 10% |
| 5,000 | 10 | 135-502FAF-J01 | 5% | 30,000 | 16 | 135-303KAG-J01 | 10% | 500,000 | 1 | 135-504QAG-J01 | 10% |
| 5,000 | 10 | 135-502FAG-J01 | 10% | 50,000 | 16 | 135-503LAF-J01 | 5% | 1 MEG | 1 | 135-105QAG-J01 | 10% |
| 10,000 | 10 | 135-103FAF-J01 | 5% | 50,000 | 16 | 135-503LAG-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 the user interchangeability over the Standard Temperature Range of 0° C to 100° C.

| ELECTRICAL CHARACTERISTICS ±1° C FROM 0° C TO 100° C | | |
|--|-----------|-----------------|
| Resis. at 25° C (Ohms) | R-T Curve | Part ① Number |
| 10,000 | 16 | 135-103LFW-J01 |
| 20,000 | 16 | 135-203LFW-J01 |
| 30,000 | 16 | 135-303LFW-J01 |
| 50,000 | 16 | 135-503-LFW-J01 |
| 100,000 | 16 | 135-104LFW-J01 |

① = Distributor item