



## MODEL 55000

### Precision Glass NTC Thermistor

- Glass Hermetic Seal
- 2252 to 30K ohm Resistance @ 25°C
- 0.095" (2.4 mm) Maximum Diameter
- Interchangeable  $\pm 0.2^{\circ}\text{C}$ ,  $0^{\circ}\text{C}$  to  $70^{\circ}\text{C}$
- Excellent High Temperature Performance
- Excellent Long Term Stability
- RoHS Compliance

### FEATURES

- Glass Hermetic Seal
- 2252 to 30K Ohm Resistance @ 25°C
- 0.095" (2.4 mm) Maximum Diameter
- Interchangeability to  $\pm 0.1^{\circ}\text{C}$
- Excellent High Temperature Performance
- Excellent Long Term Stability
- RoHS Compliance

### APPLICATIONS

- High Moisture Applications
- Low to Mid Range Temperature Applications
- Drop in Replacement for 44000 Series Epoxy
- Tight Tolerance Instrumentation
- Use up to  $200^{\circ}\text{C}$
- Applications Requiring Improved Stability
- Allows use in Applications World-wide

## MODEL 55004

Precision Glass NTC Thermistor

### PERFORMANCE SPECS

|   | Model Number | Zero Power Resistance<br>Ohm at 25°C | Beta 0-50°C<br>(K) | Ratio Ohm<br>25/125°C | Short Term<br>Temperature | Best Working<br>Temperature |
|---|--------------|--------------------------------------|--------------------|-----------------------|---------------------------|-----------------------------|
| <b>±0.2°C<br/>Interchangeability<br/>Tolerance 0-70°C</b> | 55004        | 2252                                 | 3891               | 29.26                 | 250°C                     | -80-+200°C                  |
|   | 55005        | 3000                                 | 3891               | 29.26                 | 250°C                     | -80-+200°C                  |
|   | 55007        | 5000                                 | 3891               | 29.26                 | 250°C                     | -80-+200°C                  |
|   | 55017        | 6000                                 | 3891               | 29.26                 | 250°C                     | -80-+200°C                  |
|   | 55016        | 10K                                  | 3891               | 29.26                 | 250°C                     | -80-+200°C                  |
| <b>±0.1°C<br/>Interchangeability<br/>Tolerance 0-70°C</b> | 55006        | 10K                                  | 3574               | 23.51                 | 200°C                     | -80-+150°C                  |
|   | 55008        | 30K                                  | 3810               | 29.15                 | 200°C                     | -80-+150°C                  |
|   | 55033        | 2252                                 | 3891               | 29.26                 | 250°C                     | -80-+125°C                  |
|   | 55030        | 3000                                 | 3891               | 29.26                 | 250°C                     | -80-+125°C                  |
|   | 55034        | 5000                                 | 3891               | 29.26                 | 250°C                     | -80-+125°C                  |
|   | 55037        | 6000                                 | 3891               | 29.26                 | 250°C                     | -80-+125°C                  |
|   | 55036        | 10K                                  | 3891               | 29.26                 | 250°C                     | -80-+125°C                  |
|   | 55031        | 10K                                  | 3574               | 23.51                 | 200°C                     | -80-+100°C                  |
|   | 55032        | 30K                                  | 3810               | 29.15                 | 200°C                     | -80-+100°C                  |

### ORDERING INFORMATION

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