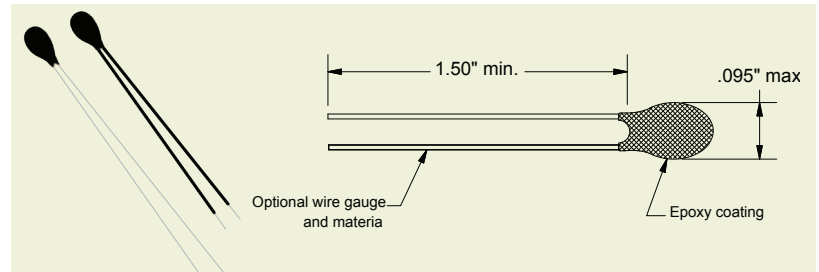


EC3004Z EPOXY COATED CHIP THERMISTOR

- * 30k ohms at 25°C
- * STI Curve Z Material
- * Beta (25/85) = 3976 K
- * Temperature Range -40°C to +150°C
- * Thermally conductive epoxy coating
- * Max OD .095"



| EC3004Z-A30B | |
|--------------------|-------------------------|
| Wire Gauge | AWG #30 |
| Wire Type | Tin-plated Nickel Alloy |
| Interchangeability | ±0.2°C from 0°C to 70°C |

| EC3004Z-C28B | |
|--------------------|-------------------------|
| Wire Gauge | AWG #28 |
| Wire Type | Tin-plated Copper |
| Interchangeability | ±0.2°C from 0°C to 70°C |

Note: Also available in ±0.1°C and ±0.5°C

| FEATURES |
|---------------------------------------------------------------|
| * Proven high reliability |
| * Fast thermal response time |
| * Rugged construction |
| * Alloy lead wires for reduced stem effect |
| * Suitable for precision instrumentation |
| * Used extensively in temperature sensing probes / assemblies |

| MATERIAL | | Z | |
|----------|------|----------------|------------|
| (°C) | (°F) | Resistance (Ω) | TCR (%/°C) |
| -40 | -40 | 1,009,500 | -6.65 |
| -30 | -22 | 530,940 | -6.21 |
| -20 | -4 | 291,240 | -5.81 |
| -10 | 14 | 165,960 | -5.44 |
| 0 | 32 | 97,950 | -5.11 |
| 10 | 50 | 59,700 | -4.80 |
| 20 | 68 | 37,470 | -4.52 |
| 25 | 77 | 30,000 | -4.39 |
| 30 | 86 | 24,171 | -4.26 |
| 40 | 104 | 15,978 | -4.02 |
| 50 | 122 | 10,809 | -3.81 |
| 60 | 140 | 7,461 | -3.61 |
| 70 | 158 | 5,253 | -3.42 |
| 80 | 176 | 3,765 | -3.24 |
| 90 | 194 | 2,748 | -3.08 |
| 100 | 212 | 2,034 | -2.92 |
| 110 | 230 | 1,533 | -2.77 |
| 120 | 248 | 1,170 | -2.64 |
| 130 | 266 | 903 | -2.52 |
| 140 | 284 | 705 | -2.41 |
| 150 | 302 | 558 | -2.30 |

Contact STI Engineering for R v T tables in other increments

Revision - 2018-03-13

SENSING TECHNOLOGIES, INC.

5582 Enterprise Parkway, Fort Myers, FL 33905 ♦ Tel: 239-600-6633 ♦ Fax: 239-694-0031

Email: sales@sensing-tech.com ♦ www.sensing-tech.com