



RESISTANCE @ +25°C = 50,000 Ω ± 5%  
 RESISTANCE/TEMPERATURE CURVE = "J"  
 BETA "β" (0 TO +50°C) = 3,892°K NOMINAL  
 TEMPERATURE COEFFICIENT @ +25°C = -4.4%/°C NOMINAL  
 DISSIPATION CONSTANT = 2 mW/°C NOMINAL  
 THERMAL TIME CONSTANT = 10 SECONDS NOMINAL  
 TEMPERATURE RATING = -80 TO +150°C

SEE MANUFACTURING SPECIFICATION (LAYER 1)

|      |                       |          |     |
|------|-----------------------|----------|-----|
| NONE | RELEASE TO PRODUCTION | 11/04/04 | RD  |
| REV  | REVISION RECORD       | DATE     | APP |

|          |            |                                                                                                     |
|----------|------------|-----------------------------------------------------------------------------------------------------|
| SCALE    | NONE       | U.S. SENSOR CORP.<br>© COPYRIGHT<br>714-639-1000 www.ussensor.com<br>NTC THERMISTOR<br>P/N SC503J4J |
| DRAWN BY | R. DANKERT |                                                                                                     |
| DATE     | 11/04/2004 |                                                                                                     |
| REV.     | NONE       |                                                                                                     |
| LAYER    | 0 OF 2     |                                                                                                     |