



RESISTANCE @ +25°C = 2,500 Ω ± 10%  
 RESISTANCE TEMPERATURE CURVE = "B"  
 TEMPERATURE COEFFICIENT @ +25°C = -3.31%/°C NOMINAL  
 BETA "β" (0 TO +50°C) = 2,941°K NOMINAL  
 DISSIPATION CONSTANT = 2 mW/°C NOMINAL (STILL AIR)  
 THERMAL TIME CONSTANT = 5 SECONDS NOMINAL (STILL AIR)  
 THERMAL TIME CONSTANT = 0.5 SECONDS NOMINAL (STIRRED OIL)  
 MAXIMUM TEMPERATURE RATING = +220°C

SEE MANUFACTURING SPECIFICATION (LAYER 1)

|      |                       |          |     |
|------|-----------------------|----------|-----|
| NONE | RELEASE TO PRODUCTION | 03/18/03 | DD  |
| REV  | REVISION RECORD       | DATE     | APP |

|                         |                                  |
|-------------------------|----------------------------------|
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| DRAWN BY<br>DAN DANKERT |                                  |
| DATE 03/18/03           | 714-639-1000 www.ussensor.com    |
| REV NONE                | NTC THERMISTOR                   |
| LAYER 0 OF 2            | P/N 252BG1K                      |