



RESISTANCE @ +25°C = 3,000 ± 10%  
 RESISTANCE/TEMPERATURE CURVE = "J"  
 BETA "β" (0 TO +50°C) = 3,892°K NOMINAL  
 BETA "β" (+25 TO +85°C) = 3,977°K NOMINAL  
 TEMPERATURE COEFFICIENT @ +25°C = -4.4%/°C NOMINAL  
 DISSIPATION CONSTANT = 0.7 mW/°C NOMINAL (AIR)  
 THERMAL TIME CONSTANT = 5 SECONDS NOMINAL (AIR)  
 MAXIMUM TEMPERATURE RATING = +300°C

SEE MANUFACTURING SPECIFICATION (LAYER 1)

|      |                       |          |     |
|------|-----------------------|----------|-----|
| NONE | RELEASE TO PRODUCTION | 03/18/14 | DD  |
| REV  | REVISION RECORD       | DATE     | APP |

|          |             |   |
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| SCALE    | NONE        | U.S. SENSOR CORP.<br>© COPYRIGHT<br>714-639-1000 www.ussensor.com<br>NTC THERMISTOR<br>P/N GS302J1K |
| DRAWN BY | DAN DANKERT |   |
| DATE     | 03/18/14    |   |
| REV.     | NONE        |   |
| LAYER    | 0 OF 2      |   |