



RESISTANCE @ +25°C = 5,000 ± 10%
 RESISTANCE/TEMPERATURE CURVE = "J"
 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 = +250°C

SEE MANUFACTURING SPECIFICATION (LAYER 1)

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

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| SCALE | NONE | U.S. SENSOR CORP. © COPYRIGHT 714-639-1000 www.ussensor.com NTC THERMISTOR P/N GS502J1K |
| DRAWN BY | DAN DANKERT | |
| DATE | 03/18/14 | |
| REV. | NONE | |
| LAYER | 0 OF 2 | |