



RESISTANCE @ +25°C = 5,000 Ω NOMINAL
 ACCURACY (0 TO +70°C) = ± 0.50°C
 RESISTANCE/TEMPERATURE CURVE = "J"
 TEMPERATURE COEFFICIENT @ +25°C = -4.4%/°C NOMINAL
 BETA "β" (0 TO +50°C) = 3,892°K NOMINAL
 DISSIPATION CONSTANT = 1 mW/°C NOMINAL
 THERMAL TIME CONSTANT = 10 SECONDS MAXIMUM (STILL AIR)
 THERMAL TIME CONSTANT = 1 SECOND MAXIMUM (WELL STIRRED OIL)
 MAXIMUM TEMPERATURE RATING = +135°C

MAXIMUM STORAGE AND OPERATION TEMPERATURE FOR BEST LONG-TERM STABILITY = +120°C

| REV | REVISION RECORD | DATE | APP |
|------|-----------------------|----------|-----|
| NONE | RELEASE TO PRODUCTION | 05/01/03 | DD |
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| SCALE | NONE | © COPYRIGHT U.S. SENSOR CORP. 714-639-1000 www.ussensor.com NTC THERMISTOR P/N KW502J2 |
| DRAWN BY | DAN DANKERT | |
| DATE | 05/01/03 | |
| REV. | NONE | |
| LAYER | 0 OF 1 | |