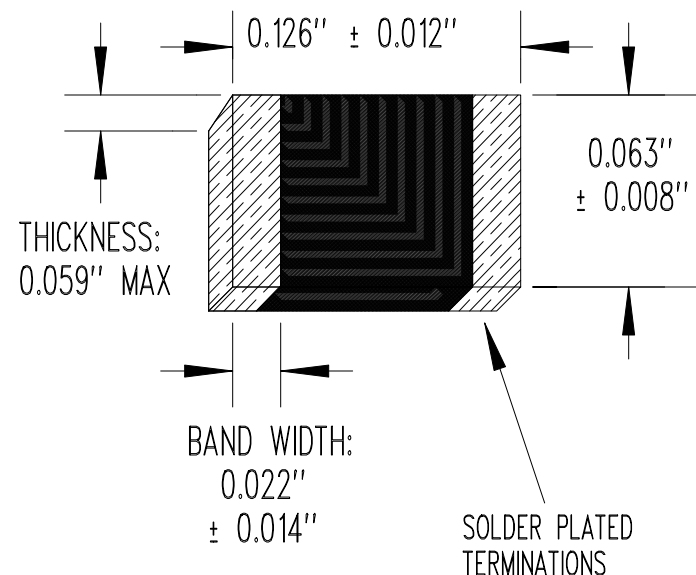


| RESISTANCE/TEMPERATURE TABLE |              |              |              |
|------------------------------|--------------|--------------|--------------|
| TEMP<br>(°C)                 | RESIS<br>(Ω) | TEMP<br>(°C) | RESIS<br>(Ω) |
| -40                          | 249,474      | 45           | 4,667        |
| -35                          | 184,548      | 50           | 3,897        |
| -30                          | 138,020      | 55           | 3,266        |
| -25                          | 104,292      | 60           | 2,748        |
| -20                          | 79,576       | 65           | 2,319        |
| -15                          | 61,278       | 70           | 1,964        |
| -10                          | 47,598       | 75           | 1,669        |
| -5                           | 37,278       | 80           | 1,422        |
| 0                            | 29,424       | 85           | 1,216        |
| 5                            | 23,397       | 90           | 1,046        |
| 10                           | 18,735       | 95           | 902.5        |
| 15                           | 15,103       | 100          | 781.5        |
| 20                           | 12,252       | 105          | 678.9        |
| 25                           | 10,000       | 110          | 591.6        |
| 30                           | 8,212        | 115          | 517.0        |
| 35                           | 6,774        | 120          | 453.2        |
| 40                           | 5,612        | 125          | 398.3        |

RESISTANCE @ +25°C = 10,000 Ω ± 5%  
 BETA "β" (+25 TO +85°C) = 3,750°K NOMINAL  
 POWER RATING = 320 mW  
 OPERATING TEMPERATURE RANGE = -40 TO +125°C

SEE MANUFACTURING SPECIFICATION (LAYER 1)



|      |                                                                       |          |     |
|------|-----------------------------------------------------------------------|----------|-----|
| "D"  | THICKNESS WAS 0.050", POWER RATING WAS 400 mW, LENT. TOL. WAS ±0.008" | 11/07/17 | MW  |
| "C"  | ADDED RESISTANCE VERSUS TEMPERATURE CHART (WAS GZ)                    | 02/26/04 | DD  |
| "B"  | THICKNESS WAS 0.048" MAXIMUM                                          | 12/12/03 | DD  |
| "A"  | ADDED BANDWIDTH DIMENSION                                             | 11/14/03 | DD  |
| NONE | RELEASE TO PRODUCTION                                                 | 11/11/03 | DD  |
| REV  | REVISION RECORD                                                       | DATE     | APP |

|          |             |                                                                                                                                                               |
|----------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCALE    | NONE        | <b>U.S. SENSOR CORP.</b><br>1832 W. COLL INS AVE.<br>ORANGE, CA. 92867<br>714-639-1000 www.ussensor.com<br><b>THERMISTOR, NTC CHIP</b><br><b>P/N LR103G0J</b> |
| DRAWN BY | DAN DANKERT |                                                                                                                                                               |
| DATE     | 11/11/03    |                                                                                                                                                               |
| REV.     | "D"         |                                                                                                                                                               |
| LAYER    | 0 OF 2      |                                                                                                                                                               |