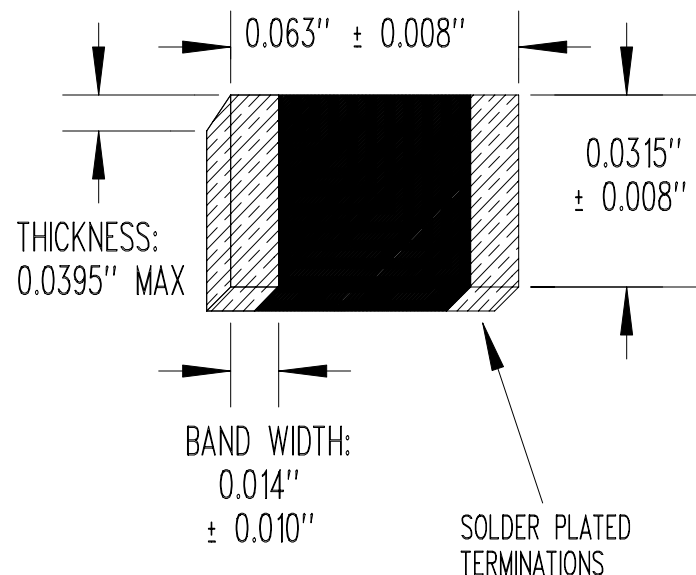


| RESISTANCE/TEMPERATURE TABLE |              |              |              |
|------------------------------|--------------|--------------|--------------|
| TEMP<br>(°C)                 | RESIS<br>(Ω) | TEMP<br>(°C) | RESIS<br>(Ω) |
| -40                          | 212,494      | 45           | 4,892        |
| -35                          | 159,470      | 50           | 4,142        |
| -30                          | 120,944      | 55           | 3,523        |
| -25                          | 92,639       | 60           | 3,010        |
| -20                          | 71,626       | 65           | 2,581        |
| -15                          | 55,871       | 70           | 2,223        |
| -10                          | 43,947       | 75           | 1,922        |
| -5                           | 34,842       | 80           | 1,667        |
| 0                            | 27,831       | 85           | 1,451        |
| 5                            | 22,390       | 90           | 1,268        |
| 10                           | 18,134       | 95           | 1,111        |
| 15                           | 14,782       | 100          | 976.3        |
| 20                           | 12,123       | 105          | 860.7        |
| 25                           | 10,000       | 110          | 760.9        |
| 30                           | 8,298        | 115          | 674.5        |
| 35                           | 6,923        | 120          | 599.6        |
| 40                           | 5,805        | 125          | 534.3        |

RESISTANCE @ +25°C = 10,000 Ω ± 5%  
 BETA "β" (+25 TO +85°C) = 3,435°K NOMINAL  
 POWER RATING = 150 mW  
 OPERATING TEMPERATURE RANGE = -40 TO +125°C

SEE MANUFACTURING SPECIFICATION (LAYER 1)



|      |                       |          |     |
|------|-----------------------|----------|-----|
| NONE | RELEASE TO PRODUCTION | 12/11/03 | DD  |
| REV  | REVISION RECORD       | DATE     | APP |

|          |             |                                                                                                                                                                                                   |
|----------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCALE    | NONE        | <b>U.S. SENSOR CORP.</b><br>1832 W. COLLINS AVE.<br>ORANGE, CA 92867<br>714-639-1000 <a href="http://www.ussensor.com">www.ussensor.com</a><br><b>THERMISTOR, NTC CHIP</b><br><b>P/N RB103E0J</b> |
| DRAWN BY | DAN DANKERT |                                                                                                                                                                                                   |
| DATE     | 12/11/03    |                                                                                                                                                                                                   |
| REV      | NONE        |                                                                                                                                                                                                   |
| LAYER    | 0 OF 2      |                                                                                                                                                                                                   |