



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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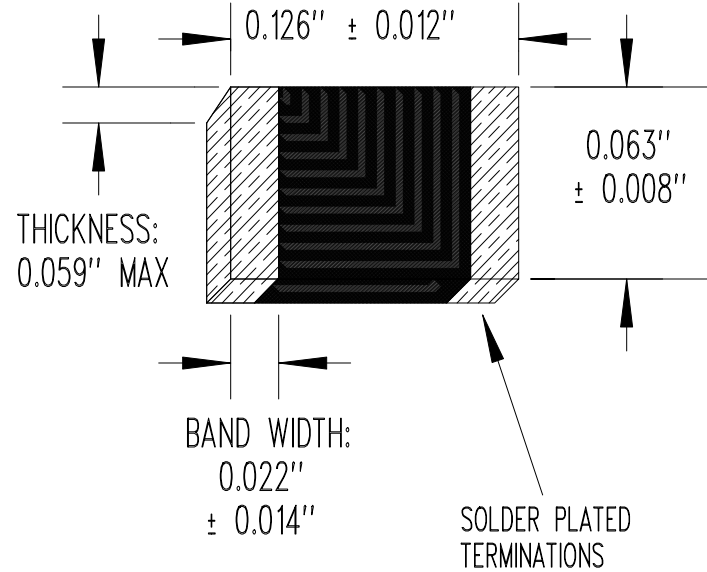
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



| RESISTANCE/TEMPERATURE TABLE | | | |
|------------------------------|--------------|--------------|--------------|
| TEMP (°C) | RESIS (Ω) | TEMP (°C) | RESIS (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 | U.S. SENSOR CORP. 1832 W. COLLINS AVE. ORANGE, CA. 92867 714-639-1000 www.ussensor.com THERMISTOR, NTC CHIP P/N LR103G0J |
| DRAWN BY DAN DANKERT | |
| DATE 11/11/03 | |
| REV. "D" | |
| LAYER 0 OF 2 | |