



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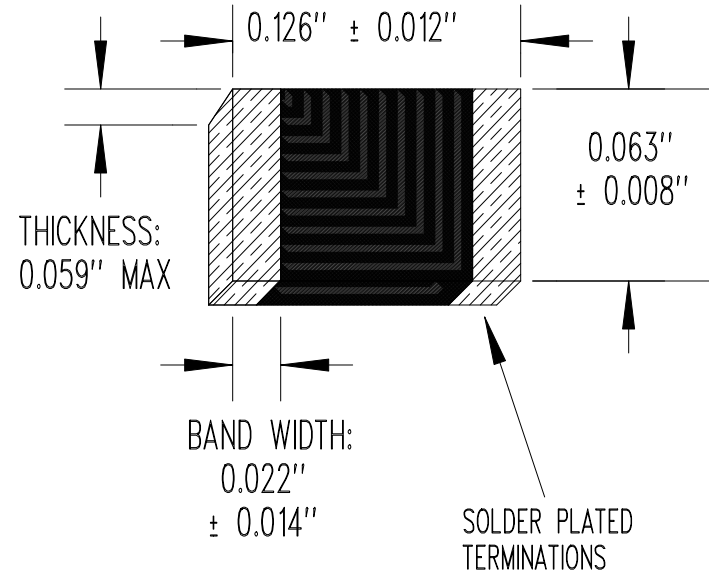
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



RESISTANCE/TEMPERATURE TABLE			
TEMP (°C)	RESIS (Ω)	TEMP (°C)	RESIS (Ω)
-40	17,848	45	507.4
-35	13,643	50	433.4
-30	10,528	55	371.8
-25	8,197	60	320.2
-20	6,437	65	276.9
-15	5,095	70	240.4
-10	4,063	75	209.4
-5	3,264	80	183.1
0	2,640	85	160.8
5	2,149	90	141.7
10	1,760	95	125.2
15	1,450	100	111.1
20	1,201	105	98.81
25	1,000	110	88.16
30	837.6	115	78.88
35	705.3	120	70.77
40	596.8	125	63.66

RESISTANCE @ +25°C = 1,000 Ω ± 5%  
 BETA "β" (+25 TO +85°C) = 3,250°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, LENG. TOL. WAS ± 0.008"	11/07/17	MW
"C"	THICKNESS WAS 0.048" MAXIMUM	12/12/03	DD
"B"	ADDED RESISTANCE VERSUS TEMPERATURE CHART	12/11/03	DD
"A"	ADDED BANDWIDTH DIMENSION	11/14/03	DD
NONE	RELEASE TO PRODUCTION	12/03/03	DD
REV	REVISION RECORD	DATE	APP

SCALE NONE	<b>U.S. SENSOR CORP.</b> 1832 W. COLLINS AVE. ORANGE, CA. 92867 714-639-1000 www.ussensor.com <b>THERMISTOR, NTC CHIP</b> <b>P/N LR102DOJ</b>
DRAWN BY DAN DANKERT	
DATE 07/25/03	
REV. "D"	
LAYER 0 OF 2	