



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

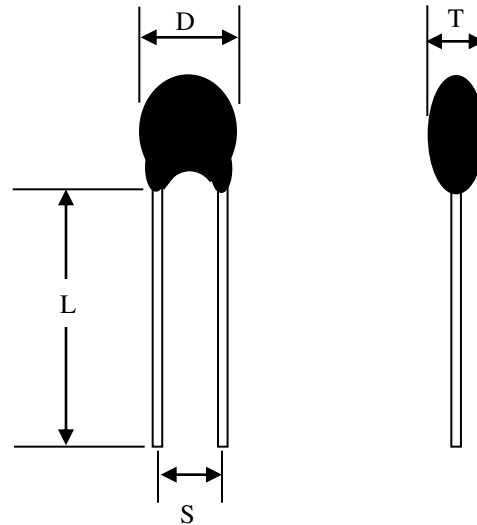
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Part Number: 1DC103K-EC



Electrical Specifications:

Zero-Power Resistance @ 25°C	10.0K $\Omega \pm 10\%$
Resistance @ 0°C/ Resistance @ 50°C	9.2 $\pm 0.75\%$
Resistance @ 25°C/ Resistance @ 125°C	28.3 $\pm 1\%$
Beta	3965 $\pm 0.75\%$
Temp Coefficient of Resistance @ 25°C	-4.43%/°C
Operating Temperature Range	-50°C/180°C
Thermal Time Constant	≤ 10 seconds

Mechanical Specifications:

D	3.0 ± 0.3 mm
T	3.3 mm Max
Lead Diameter	0.5 mm Nom
S	2.80 mm Nom
L	30 mm Nom
Straight Leads	Standard



DATA SHEET

Part Number: 1DC103K-EC

RESISTANCE VS TEMPERATURE CURVE

Temperature	R@T/R@25°C
-50	66.97
-45	47.25
-40	33.74
-35	24.37
-30	17.80
-25	13.13
-20	9.776
-15	7.348
-10	5.570
-5	4.257
0	3.279
5	2.550
10	1.998
15	1.576
20	1.252
25	1.000
30	0.8038
35	0.6499
40	0.5282
45	0.4316
50	0.3545
55	0.2949
60	0.2465
65	0.2070
70	0.1747
75	0.1481
80	0.1261
85	0.1077
90	0.09243
95	0.07961
100	0.06881
105	0.05977
110	0.05210
115	0.04560
120	0.04005
125	0.03529
130	0.03119
135	0.02766
140	0.02460
145	0.02194
150	0.01963

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