



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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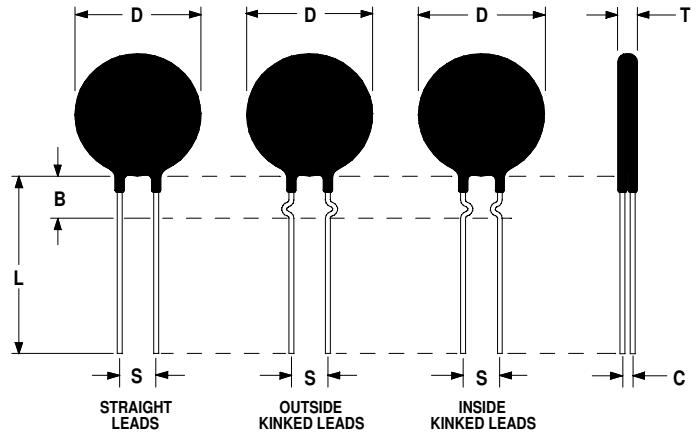
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Mechanical Specifications

D	5.0 ± 0.5 mm
T	2.92 ± 0.4 mm
Lead Diameter	0.5 ± 0.2 mm
S	5.0 mm Nom
L	40.0 ± 4.0 mm
Straight Leads	Standard
B	5.0 mm ± 0.20 mm
C	1.7 mm ± 0.10 mm



Electrical Specifications

Zero-Power Resistance @25°C	1.5KΩ ± 10%
R@0°C/R@50°C	8.40 ± 2%
R@25°C/R@125°C	23.79 ± 2%
Beta	3775 ± 2%
Temp Coefficient of Resistance @ 25°C	-3.83 %/°C
Operating Temperature Range	-50°C/150°C
Maximum Permissible Power (W)	.45w
Dissipation Constant (mW/°C)	6.3mW/°C
Thermal Time Constant	20 seconds

Resistance VS Temp Table  
(See page 2)

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# DATA SHEET

P/N:NT05 15291

Resistance VS Temp Table Cont.

Temperature °C	RT/R25
-50	60.29
-45	42.80
-40	30.75
-35	22.35
-30	16.43
-25	12.20
-20	9.143
-15	6.918
-10	5.279
-5	4.062
0	3.150
5	2.466
10	1.946
15	1.546
20	1.240
25	1.000
30	0.8120
35	0.6635
40	0.5454
45	0.4509
50	0.3748
55	0.3138
60	0.2642
65	0.2235
70	0.1901
75	0.1624
80	0.1394
85	0.1201
90	0.1040
95	0.09036
100	0.07882
105	0.06889
110	0.06062
115	0.05347
120	0.04733
125	0.04205
130	0.03748
135	0.03352
140	0.03007
145	0.02704
150	0.02442