

Part Number: NT05 65191

### Ordering Different Lead Types:

Inside Kinked Leads	Use <b>-A</b> after Ametherm's part #
Outside Kinked Leads	Not Available

For example: to order an inside kinked lead use part number NT05 65191-A



### Electrical Specifications:

Zero-Power Resistance @ 25°C	650 $\Omega$ $\pm$ 15%
Resistance @ 0°C/ Resistance @ 50°C	8.40 $\pm$ 2%
Resistance @ 25°C/ Resistance @ 125°C	23.79 $\pm$ 2%
Beta	3775 $\pm$ 2%
Temp Coefficient of Resistance @ 25°C	-3.83 %/°C
Operating Temperature Range	-50°C/150°C
Maximum Permissible Power	0.45 W
Dissipation Constant	6.3mW/°C
Thermal Time Constant	20 seconds

### Mechanical Specifications:

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

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**Ametherm, Inc.** 3111 N. Deer Run Road #4 Carson City, NV 89701  
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## DATA SHEET

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### Resistance Temperature Curve:

Temperature	R@T/R@25°C
-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

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