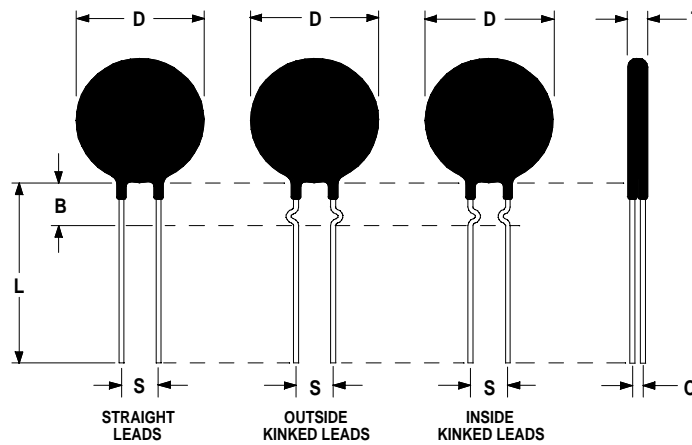


Part Number: NT05 10291

Ordering Different Lead Types:

Inside Kinked Leads	Use -A after Ametherm's part #
Outside Kinked Leads	Not Available

For example: to order an inside kinked lead use part number NT05 10291-A



Electrical Specifications:

Zero-Power Resistance @ 25°C	1.0 K Ω \pm 10%
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

Revision Date: August 12, 2002

Ametherm, Inc. 3111 N. Deer Run Road #4 Carson City, NV 89701
 Telephone: (800) 808-2434 (775) 884-2434 Fax: (775) 884-0670

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DATA SHEET

Part Number: NT05 10291

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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