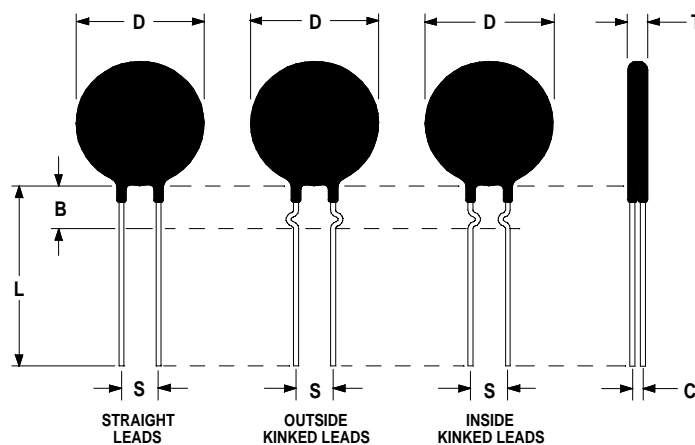


Part Number: NT05 50052

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 50052-A



Electrical Specifications:

Zero-Power Resistance @ 25°C	50.0 Ω ± 10%
Resistance @ 0°C/ Resistance @ 50°C	5.6 ± 1%
Resistance @ 25°C/ Resistance @ 125°C	14.1 ± 2%
Beta	3169 ± 2%
Temp Coefficient of Resistance @ 25°C	-3.42%/°C
Operating Temperature Range	-50°C/ 150°C
Resistance @ Max Steady State Current	6.00 Ω
Max Steady State Current Up To 65°C	0.250 A
Max Instantaneous Energy (Joules)	3.0 J
Dissipation Constant	4.0mW/°C
Thermal Time Constant	10 seconds
Maximum Permissible Power	0.45 W
Material Type	"G"

Mechanical Specifications:

D	5.6 mm Max
T	5.0 mm Max
Lead Diameter	0.5 mm Nom
S	5.0 mm Nom
L	38.0 mm Min
Straight Leads	Standard

Revision Date: March 19, 2003

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 50052

Resistance Temperature Curve:

Temperature	R@T/R@25°C
-40	15.45
-30	9.358
-20	5.875
-10	3.798
0	2.517
10	1.711
20	1.191
25	1.000
30	0.840
40	0.608
50	0.449
60	0.3379
70	0.2568
80	0.1985
90	0.1552
100	0.1230
110	0.0977
120	0.0785
125	0.0709
130	0.0640
140	0.0529
150	0.0442

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