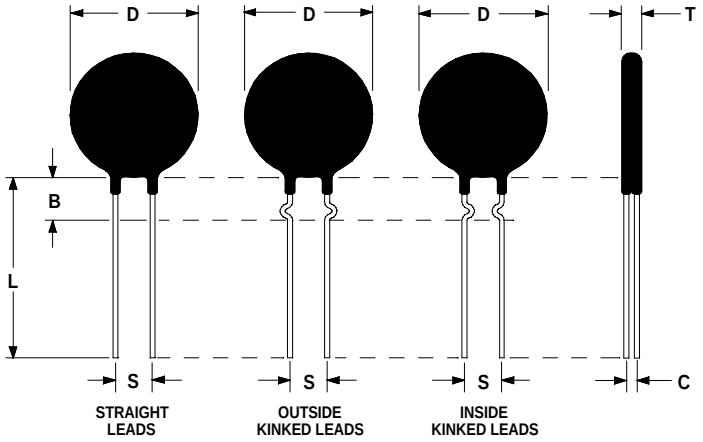
AMETHERM
Circuit Protection Thermistors

DATA SHEET

Part Number: NT03 10269



Electrical Specifications:

Zero-Power Resistance @ 25°C	1.0K Ω ± 10%
Resistance @ 0°C/ Resistance @ 50°C	6.90 ± 2%
Resistance @ 25°C/ Resistance @ 125°C	19.27 ± 2%
Beta	3500 ± 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	2.90mW/°C
Thermal Time Constant	10 seconds

Mechanical Specifications:

D	2.92 ± 0.4 mm
T	2.92 ± 0.4 mm
Lead Diameter	0.5 ± 0.2 mm
S	3.0 mm Nom
L	40.0 ± 4.0 mm
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
www.ametherm.com

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Resistance Temperature Curve:

Temperature	R@T/R@25°C
-50	38.99
-45	28.74
-40	21.45
-35	16.12
-30	12.25
-25	9.400
-20	7.270
-15	5.671
-10	4.457
-5	3.529
0	2.813
5	2.257
10	1.824
15	1.484
20	1.214
25	1.000
30	0.8282
35	0.6897
40	0.5773
45	0.4857
50	0.4105
55	0.3485
60	0.2972
65	0.2546
70	0.2189
75	0.1890
80	0.1638
85	0.1425
90	0.1244
95	0.1089
100	0.09569
105	0.08417
110	0.07428
115	0.06577
120	0.05842
125	0.05205
130	0.04651
135	0.04167
140	0.03744
145	0.03372
150	0.03045

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