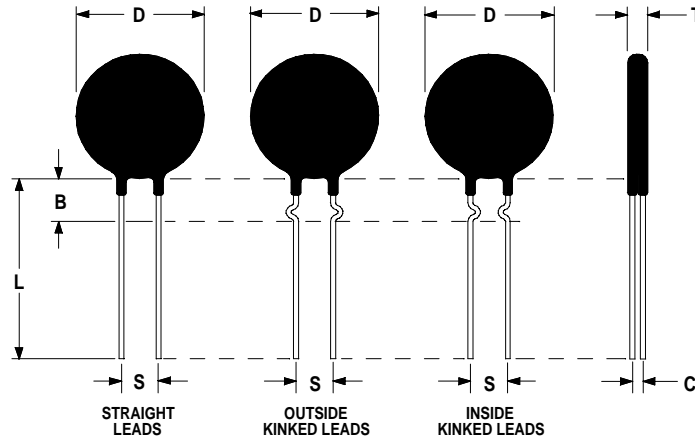


Part Number: NT03 50311



Electrical Specifications:

Zero-Power Resistance @ 25°C	50.0K $\Omega \pm 10\%$
Resistance @ 0°C/ Resistance @ 50°C	11.1 $\pm 1\%$
Resistance @ 25°C/ Resistance @ 125°C	41.3 $\pm 1\%$
Beta	4400 $\pm 2\%$
Temp Coefficient of Resistance @ 25°C	-4.78%/°C
Operating Temperature Range	-50°C/150°C
Maximum Permissible Power	0.45 W
Dissipation Constant	4.5mW/°C
Thermal Time Constant	10 seconds

Mechanical Specifications:

D	3.3 ± 0.5 mm
T	3.0 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

www.ametherm.com



DATA SHEET

Part Number: NT03 50311

Resistance Temperature Curve:

Temperature	R@T/R@25°C
-50	89.49
-45	61.67
-40	43.05
-35	30.44
-30	21.73
-25	15.80
-20	11.58
-15	8.513
-10	6.337
-5	4.763
0	3.611
5	2.748
10	2.110
15	1.630
20	1.268
25	1.000
30	0.7902
35	0.6284
40	0.5028
45	0.4043
50	0.3271
55	0.2662
60	0.2181
65	0.1792
70	0.1483
75	0.1232
80	0.1031
85	0.08613
90	0.07258
95	0.05140
100	0.05215
105	0.04440
110	0.03796
115	0.03261
120	0.02810
125	0.02427
130	0.02106
135	0.01831
140	0.01600
145	0.01399
150	0.01229

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