

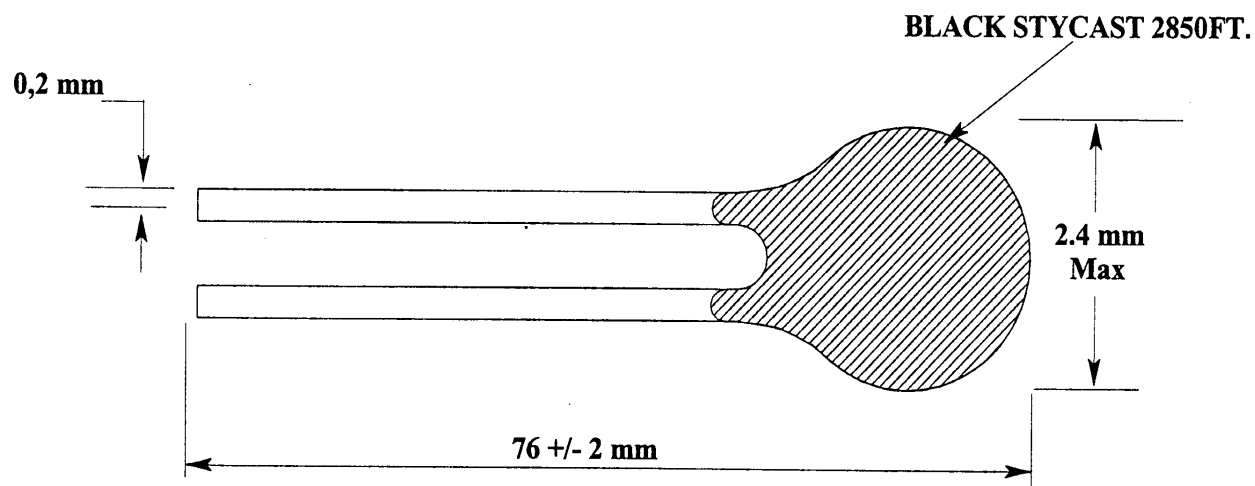
BETATHERM DATA SHEET

BETATHERM PART NO.:1K2A1

F.E.C. NO. :606-662

DESCRIPTION NTC THERMISTOR WITH LEAD TYPE 32 AWG ALLOY

MECHANICAL SPECIFICATION



ELECTRICAL SPECIFICATION

Resistance @ 25°C: 1,000 Ohms

Tolerance: $\pm 0.2^\circ\text{C}$ from 0°C to 70°C

Operating Range: -55°C to $+150^\circ\text{C}$

Beta Value 0/50: 3263 $\pm 1,0\%$

Alpha Value @ 25°C: $-3.68\%/^\circ\text{C}$

Curve 2	R @ 25°C = 1,000
Temp.	R nominal
-50	32885.4
-45	24641.4
-40	18641.3
-35	14231.4
-30	10959.8
-25	8511.0
-20	6662.1
-15	5254.9
-10	4175.2
-5	3340.7
0	2691.0
5	2181.6
10	1779.6
15	1460.3
20	1205.1
25	1000.0
30	834.2
35	699.3
40	589.2
45	498.7
50	424.0
55	362.0
60	310.4
65	267.3
70	231.0
75	200.4
80	174.5
85	152.4
90	133.6
95	117.5
100	103.7
105	91.7
110	81.4
115	72.5
120	64.7
125	57.9
130	51.9
135	46.7