

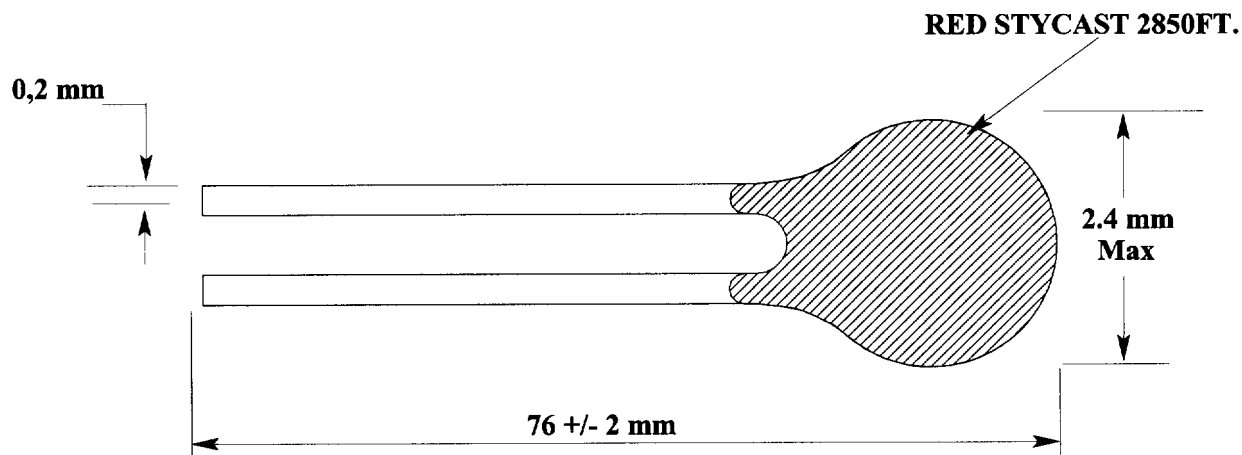
BETATHERM DATA SHEET

BETATHERM PART NO. 3K3A1

F.E.C. NO. :151-589

DESCRIPTION: NTC THERMISTOR WITH LEAD TYPE 32 AWG ALLOY

MECHANICAL SPECIFICATION



ELECTRICAL SPECIFICATION

Resistance @ 25°C: 3,000 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: 3892 $\pm 1,0\%$

Alpha Value @ 25°C: $-4,39\%/^\circ\text{C}$

Curve 3	R @ 25°C	3000 00
Temp	Multiplier	R nominal
-50	66.7820	200346.00
-45	47.0610	141183.00
-40	33.5668	100700.40
-35	24.2193	72657.90
-30	17.6682	53004.60
-25	13.0242	39072.60
-20	9.6976	29092.81
-15	7.2895	21868.56
-10	5.5298	16589.25
-5	4.2314	12694.32
0	3.2651	9795.29
5	2.5396	7618.69
10	1.9904	5971.09
15	1.5714	4714.21
20	1.2494	3748.13
25	1.0000	3000.00
30	0.8056	2416.79
35	0.6530	1959.06
40	0.5325	1597.51
45	0.4367	1310.06
50	0.3601	1080.29
55	0.2985	895.52
60	0.2487	746.12
65	0.2082	624.70
70	0.1752	525.49
75	0.1480	444.03
80	0.1256	376.85
85	0.1071	321.17
90	0.0916	274.84
95	0.0787	236.10
100	0.0679	203.59
105	0.0587	176.19
110	0.0510	153.02
115	0.0444	133.35
120	0.0389	116.58
125	0.0341	102.25
130	0.0300	89.95
135	0.0265	79.36
140	0.0234	70.22
145	0.0208	62.31
150	0.0185	55.44