

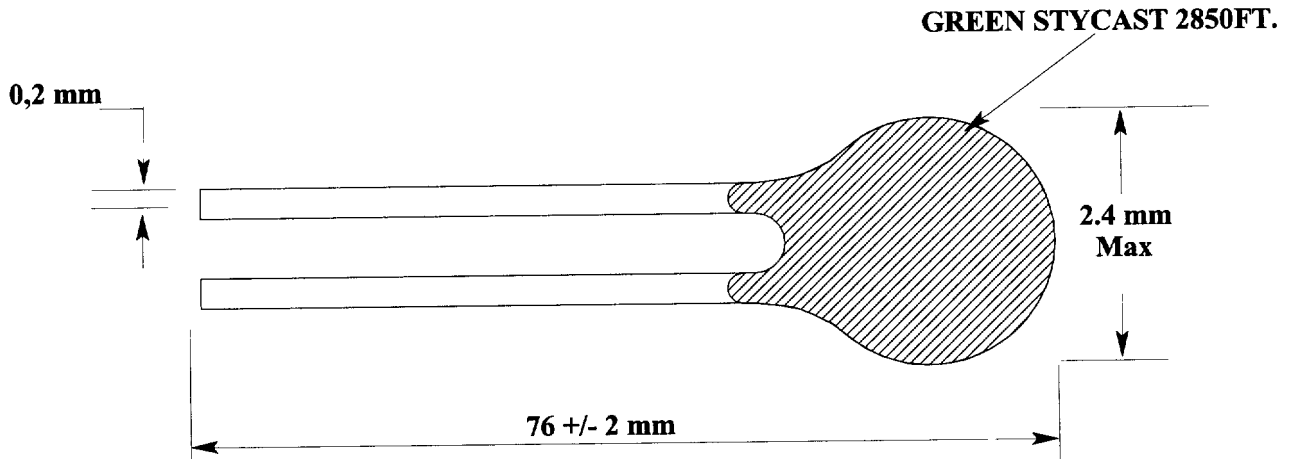
BETATHERM DATA SHEET

BETATHERM PART NO.:30K6A1

F.E.C. NO. :151-592

DESCRIPTION:NTC THERMISTOR WITH LEAD TYPE 32 AWG ALLOY

MECHANICAL SPECIFICATION



ELECTRICAL SPECIFICATION

Resistance @ 25°C: 30,000 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: 4143 +/- 1,0%

Alpha Value @ 25°C: $-4.68\%/^\circ\text{C}$

Curve 6	R @ 25°C	30000
Temp °C	Multiplier	R nominal
-50	83 2610	2497829 0
-45	57.8215	1734646 0
-40	40 6390	1219169.0
-35	28.8912	866735 0
-30	20.7648	622944 0
-25	15.0853	452559 0
-20	11.0625	331876 0
-15	8.1928	245785 0
-10	6.1232	183697 0
-5	4.6167	138502.0
0	3 5102	105305 0
5	2.6904	80713.0
10	2 0782	62347 0
15	1 6170	48511 0
20	1.2673	38019 0
25	1.0000	30000 0
30	0.7943	23828 0
35	0.6349	19046 0
40	0 5106	15317.0
45	0.4130	12390 0
50	0.3360	10079.0
55	0.2748	8243.6
60	0.2259	6777 7
65	0.1867	5600.6
70	0.1550	4650 6
75	0 1293	3879 8
80	0 1084	3251 4
85	0.0912	2736.7
90	0.0771	2313.2
95	0.0654	1963.2
100	0.0558	1672 7
105	0 0477	1430.6
110	0.0409	1228.1
115	0.0353	1058.0
120	0 0305	914 6
125	0.0264	793 2
130	0.0230	690.2
135	0.0201	602.4
140	0 0176	527.4
145	0.0154	463.0
150	0 0136	407 7