

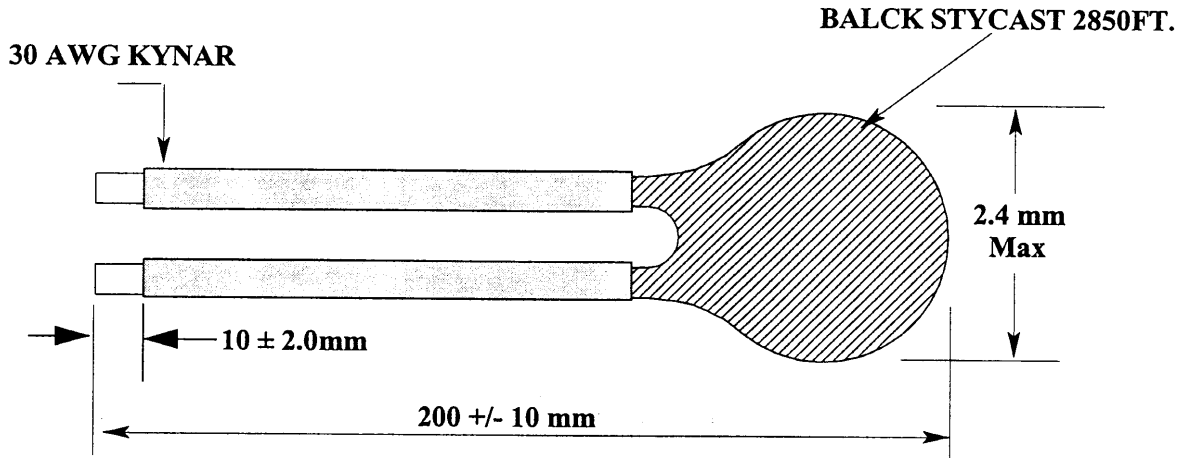
BETATHERM DATA SHEET

BETATHERM PART NO. 30K6A309I

F.E.C. NO. :732-254

DESCRIPTION NTC THERMISTOR WITH LEAD TYPE 30 AWG SOLID
SILVER PLATED COPPER WITH KYNAR INSULATION.

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 $\pm 1.0\%$
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