

**BETATHERM DATA SHEET**

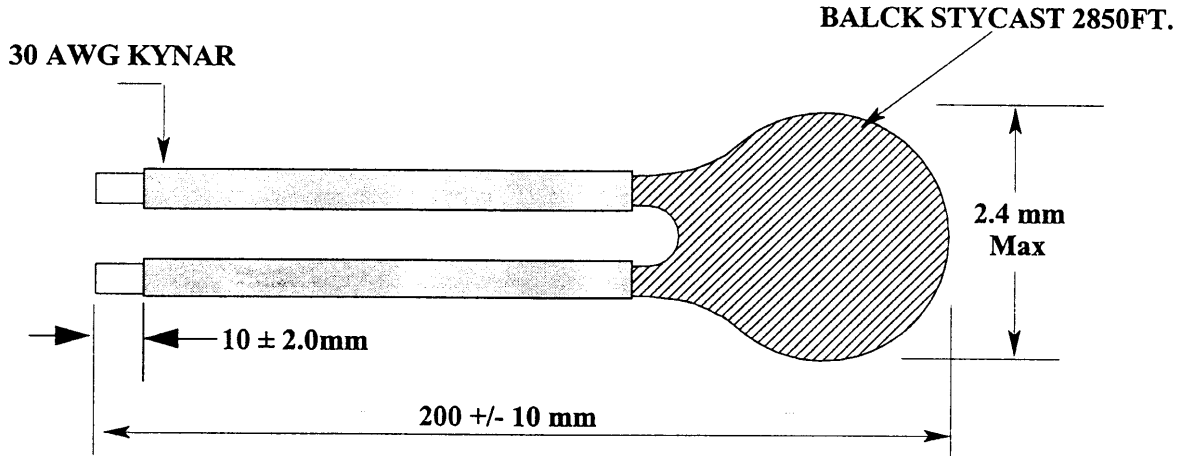
BETATHERM PART NO. 2.2K3A359I

F.E.C. NO. : 732-217

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

**MECHANICAL SPECIFICATION**

732-217 | 229 | 230 | 242 | 254 | 266



**ELECTRICAL SPECIFICATION**

Resistance @ 25°C: 2,252 Ohms  
Tolerance: ±0.2°C from 0°C to 70°C  
Operating Range: -55°C to +150°C  
Beta Value 0/50: 3892 +/- 1,0%  
Alpha Value @ 25°C: -4.39%/°C

Curve 3	R @ 25°C :	2252.00
Temp	Multiplier	R nominal
-50	66.7820	150393.06
-45	47.0610	105981.37
-40	33.5668	75592.43
-35	24.2193	54541.86
-30	17.6682	39788.79
-25	13.0242	29330.50
-20	9.6976	21839.00
-15	7.2895	16416.00
-10	5.5298	12453.00
-5	4.2314	9529.20
0	3.2651	7353.00
5	2.5396	5719.10
10	1.9904	4482.30
15	1.5714	3538.80
20	1.2494	2813.60
25	1.0000	2252.00
30	0.8056	1814.20
35	0.6530	1470.60
40	0.5325	1199.20
45	0.4367	983.42
50	0.3601	810.94
55	0.2985	672.24
60	0.2487	560.09
65	0.2082	468.94
70	0.1752	394.47
75	0.1480	333.32
80	0.1256	282.89
85	0.1071	241.09
90	0.0916	206.31
95	0.0787	177.23
100	0.0679	152.83
105	0.0587	132.26
110	0.0510	114.87
115	0.0444	100.10
120	0.0389	87.51
125	0.0341	76.75
130	0.0300	67.52
135	0.0265	59.57
140	0.0234	52.71
145	0.0208	46.77
150	0.0185	41.61