

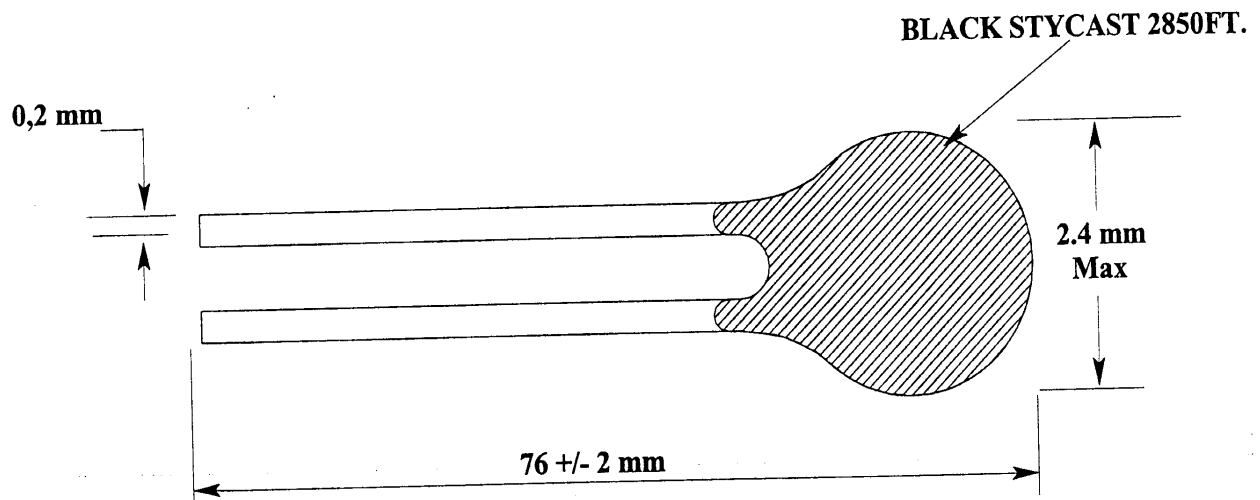
BETATHERM DATA SHEET

BETATHERM PART NO.:1M9A1

F.E.C. NO. :606-674

DESCRIPTION NTC THERMISTOR WITH LEAD TYPE 32 AWG ALLOY

MECHANICAL SPECIFICATION



ELECTRICAL SPECIFICATION

Resistance @ 25°C: 1,000,000 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: 4582 $\pm 1.0\%$

Alpha Value @ 25°C: $-5.18\%/^\circ\text{C}$

CURVE 9	RES. @ 25 C=	1000000.00
TEMP.	MULTIPLIER	RESISTANCE
0	3.966	3966000.00
5	2.969	2969000.00
10	2.239	2239000.00
15	1.7	1700000.00
20	1.3	1300000.00
25	1	1000000.00
30	0.7743	774300.00
35	0.6033	603300.00
40	0.4729	472900.00
45	0.3728	372800.00
50	0.2956	295600.00
55	0.2357	235700.00
60	0.1889	188900.00
65	0.1522	152200.00
70	0.1233	123300.00
75	0.1004	100400.00
80	0.0821	82100.00
85	0.0674	67400.00
90	0.0557	55700.00
95	0.0462	46200.00
100	0.0384	38400.00
105	0.0321	32100.00
110	0.027	27000.00
115	0.0228	22800.00
120	0.0193	19300.00
125	0.0164	16400.00
130	0.0139	13900.00
135	0.0119	11900.00
140	0.0102	10200.00