

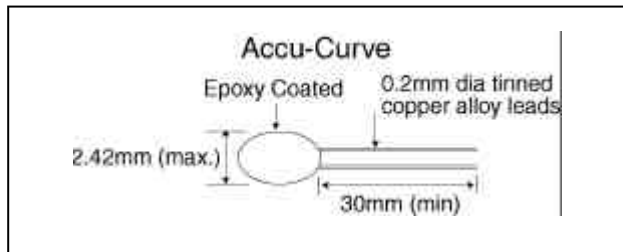


# ±0.2°C Interchangeable Thermistors 'ACCU-Curve' Series



'Accu-Curve' thermistors are small, high quality, low cost, epoxy encapsulated, precision curve matched devices. They offer true interchangeability over wide temperature ranges and eliminate the need for individual circuit adjustments or padding. These thermistors provide a highly accurate and stable temperature sensing capability for applications such as temperature measurement or

compensation. Accu-Curve thermistors can be mounted in a variety of probes and assemblies.



## Resistance (W)

TEMP. (°C)	ACC-001 2,252Ω @ 25°C	ACC-002 3,000Ω @ 25°C	ACC-003 5,000Ω @ 25°C	ACC-004 10,000Ω @ 25°C	ACW-005 30,000Ω @ 25°C	ACW-006 50,000Ω @ 25°C	ACW-007 100,000Ω @ 25°C
-30	39,860	53,100	88,500	177,000	619,200	1,032,000	2,064,000
-20	21,860	29,121	48,535	97,070	331,030	551,720	1,103,400
-10	12,460	16,599	27,665	55,330	183,560	305,940	611,870
0	7,352.8	9,795.0	16,325	32,650	105,310	175,510	351,020
10	4,481.5	5,970.0	9,950.0	19,900	62,354	103,920	207,850
20	2,812.8	3,747.0	6,245.0	12,490	38,022	63,370	126,740
25	2,252.0	3,000.0	5,000.0	10,000.0	30,000.0	50,000	100,000
30	1,814.4	2,417.1	4,028.5	8,057.0	23,827	39,711	79,422
40	1,199.6	1,598.1	2,663.3	5,327.0	15,314	25,524	51,048
50	811.40	1,080.9	1,801.5	3,603.0	10,077	16,795	33,591
60	560.30	746.40	1,244.0	2,488.0	6,777.1	11,295	22,590
70	394.55	525.60	876.00	1,752.0	4,650.5	7,750.9	15,502
80	282.63	376.50	627.50	1,255.0	3,251.2	5,418.7	10,837
90	206.13	274.59	457.65	915.30	2,312.3	3,853.9	7,707.7
100	152.75	203.46	339.15	678.30	1,670.8	2,784.6	5,569.3
110	114.92	153.09	255.15	510.30	1,224.9	2,041.5	4,082.9
120	87.671	116.79	194.65	389.30	909.99	1,516.7	3,033.3
130	67.770	90.279	150.47	300.93	684.31	1,140.5	2,281.0
140	52.983	70.581	117.64	235.27	520.30	867.16	1,734.3
150	41.881	55.791	92.985	185.97	399.56	665.94	1,331.9

## Specifications:

Temperature tolerance (0-70°C)	± 0.2°C
Temperature range	-40°C to 150°C
Dissipation Constant	1mW/°C
Time Constant	10 Seconds in free air