



MINIATURE AXIAL GLASS THERMISTOR

SPECIFICATIONS

- Glass hermetic encapsulation with high resistance to humid environments
- Wide operating temperature range
- High stability
- Fast response time
- RoHS Compliant

The NTC Chip hermetically sealed in a miniature glass encapsulation package

FEATURES

- Hermetically sealed glass package
- High stability at elevated temperatures
- Available in $\pm 20\%$ tolerance @ $+25^{\circ}\text{C}$
- Fast time response
- Pt/Ir lead wires suitable for welding
- Temperature range -40°C to $+250^{\circ}\text{C}$

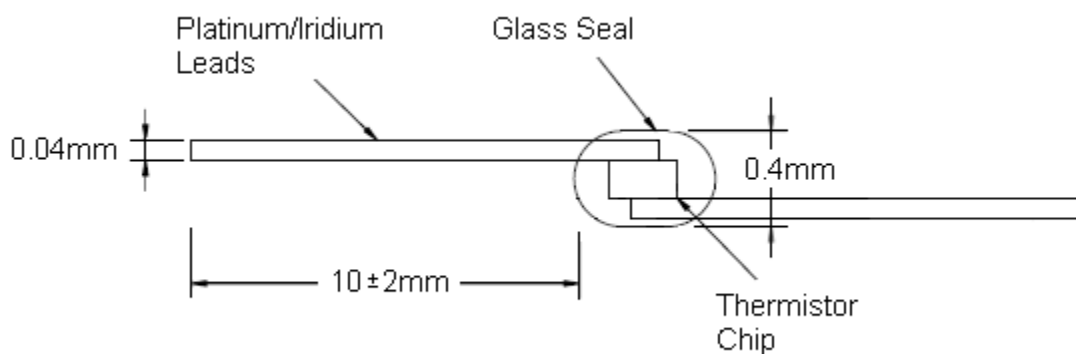
APPLICATIONS

- Air flow detection systems
- Blood analysis
- Liquid level sensing
- Platen Temperature sensing
- Medical Catheter devices
- Fluid flow sensing

PERFORMANCE SPECS

Parameters	Units	Value
Resistance @ $+25^{\circ}\text{C}$	Ohms	10,000
Resistance tolerance @ $+25^{\circ}\text{C}$	%	± 20
Beta Value 25/85	K	3499
Dissipation Constant in still air	mW/ $^{\circ}\text{C}$	0.15
Time response in still air	Second	< 1

MECHANICAL DETAILS



RESISTANCE V TEMPERATURE TABLE

Temp. °C	R Ohms	Temp. °C	R Ohms	Temp. °C	R Ohms	Temp. °C	R Ohms
-40	217,645	-4	33,866	32	7,677	68	2,295
-39	205,391	-3	32,351	33	7,399	69	2,226
-38	193,904	-2	30,913	34	7,132	70	2,160
-37	183,132	-1	29,548	35	6,877	71	2,096
-36	173,026	0	28,250	36	6,632	72	2,035
-35	163,541	1	27,017	37	6,397	73	1,975
-34	154,635	2	25,845	38	6,171	74	1,918
-33	146,270	3	24,730	39	5,955	75	1,862
-32	138,408	4	23,670	40	5,747	76	1,808
-31	131,019	5	22,662	41	5,548	77	1,757
-30	124,069	6	21,702	42	5,357	78	1,706
-29	117,531	7	20,788	43	5,173	79	1,658
-28	111,377	8	19,918	44	4,997	80	1,611
-27	105,584	9	19,089	45	4,828	81	1,566
-26	100,127	10	18,300	46	4,665	82	1,522
-25	94,986	11	17,547	47	4,508	83	1,480
-24	90,140	12	16,830	48	4,358	84	1,439
-23	85,571	13	16,146	49	4,213	85	1,399
-22	81,261	14	15,494	50	4,074	86	1,361
-21	77,195	15	14,871	51	3,940	87	1,324
-20	73,356	16	14,278	52	3,812	88	1,288
-19	69,731	17	13,711	53	3,688	89	1,253
-18	66,308	18	13,170	54	3,569	90	1,220
-17	63,073	19	12,653	55	3,454	91	1,187
-16	60,015	20	12,159	56	3,344	92	1,155
-15	57,124	21	11,688	57	3,237	93	1,125
-14	54,389	22	11,237	58	3,135	94	1,095
-13	51,802	23	10,806	59	3,036	95	1,067
-12	49,352	24	10,394	60	2,941	96	1,039
-11	47,034	25	10,000	61	2,850	97	1,012
-10	44,838	26	9,623	62	2,762	98	986
-9	42,757	27	9,262	63	2,677	99	960
-8	40,785	28	8,917	64	2,595	100	936
-7	38,916	29	8,587	65	2,515	101	912
-6	37,143	30	8,270	66	2,439	102	889
-5	35,461	31	7,967	67	2,366	103	866

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104	845
105	824
106	803
107	783
108	764
109	745
110	727
111	710
112	692
113	676
114	660
115	644
116	629
117	614
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ORDERING INFORMATION

Part Number	Description	Ω @25°C	MOQ
GA10KM3499J15	Miniature Axial Glass Thermistor	10,000	1,000*

* For quantities less than Minimum Order Quantity – Contact Distribution

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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