

“AB” Thermistors for Healthcare

Features

- Chip in Glass Technology with proven reliability
- 14004 ohms @ 37°C
- 25/50 Beta: 3500 nominal
- Very Fast Response Time
- Small Profile for Tight Spaces
- Excellent Point Isolation of Measurement

Applications

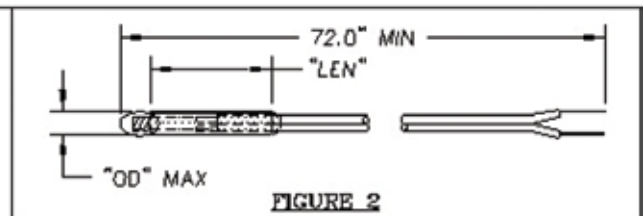
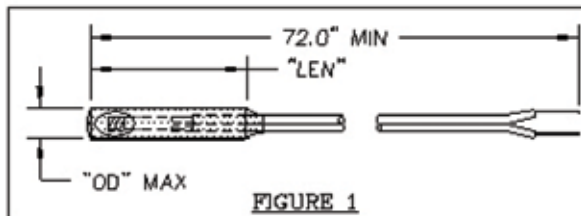
- Continuous Cardiac Output Monitoring
- Thermal dilution catheters
- Foley catheters
- Esophageal catheters
- Internal Body Temperature monitoring
- Other Disposable Temperature Monitoring



Resistance vs. Temperature

Temp (°C)	Res (ohms)	Temp (°C)	Res (ohms)	Temp (°C)	Res (ohms)
0	62775.7	17	30268.7	34	15634.0
1	60014.5	18	29062.1	35	15067.50
2	57390.3	19	27910.2	36	14524.5
3	54895.4	20	26810.2	37	14004.0
4	52522.9	21	25759.6	38	13504.9
5	50266.1	22	24755.8	39	13026.2
6	48118.9	23	23796.6	40	12567.0
7	46075.4	24	22879.8	41	12126.3
8	44129.9	25	22003.2	42	11703.5
9	42277.4	26	21165.0	43	11297.6
10	40512.9	27	20363.1	44	10907.9
11	38831.8	28	19596.0	45	10533.7
12	37229.7	29	18861.9	46	10174.2
13	35702.5	30	18159.2	47	9828.9
14	34246.4	31	17486.5	48	9497.1
15	32857.6	32	16842.2	49	9178.2
16	31532.8	33	16225.2	50	8871.7

SKU	Description	Tol. @ 37°C	Figure	“OD”	“LEN”	Lead Type
500812	AB6B2-GC16KA143E/37C	±0.5%	1	0.022”	0.090”±0.010”	#38AWG Ni
500804	AB6B2-GC14KA143L/37C	±15%	1	0.022”	0.090”±0.010”	#38AWG Ni
507894	AA6B4-GC11KA143L/37C	±15%	2	0.014”	0.090”±0.010”	#40AWG Ni
508451	A96N4-GC11KA143L/37C	±15%	2	0.0125”	0.055”±0.005”	#44AWG Cu
500891	AB6N2-GC14KA143E/37C	±0.5%	1	0.019” max	0.060” ± 0.005”	#38AWG Ni
508453	AN6N4-GC11KA143L/37C	±15%	2	0.0125” max	0.055” ± 0.005”	#44AWG Ni



Mouser Electronics

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[AN6N4-GC11KA143L/37C](#)