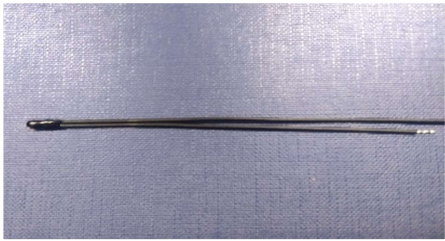


682AT-4-145/110-54022

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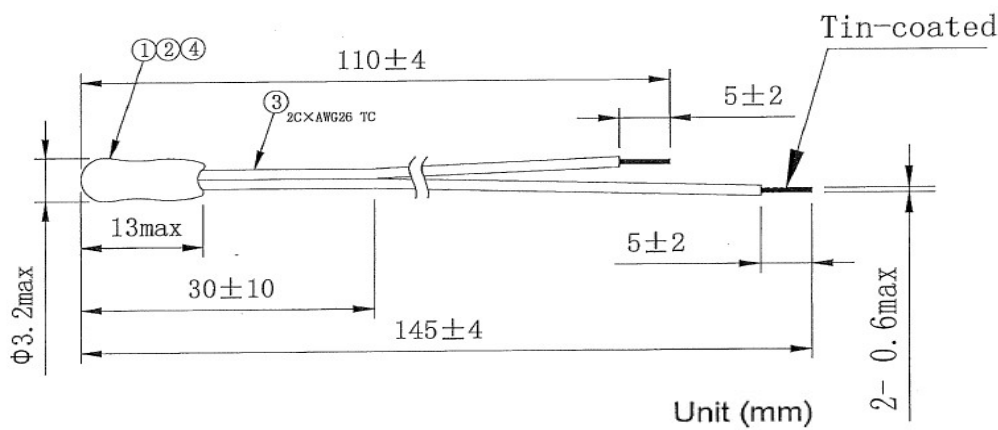
Enlarge the image



Ratings

Part No.	Rated zero-power resistance R25	B-value (B25/85)	Dissipation factor	Thermal time constant	Rated power	Category temperature range
682AT-4-145/110-54022	6.8kΩ ± 5%	3975K ± 1%	Approx 4mW/°C	Approx 35 seconds	20nW	-30°C to 90°C

Dimensions



Parts List

No.	Item	Description
①	Thermistor	682AT Chip
②	Coating resin	Epoxy resin Color : Black
③	Lead-wire	105°C PVC wire AWG26 O/D 1.10 ± 0.2 × 2.20 ± 0.2 Color : Black
④	Solder	Lead-free

682AT-4-145/110-54022TEMPERATURE VS RESISTANCE CHARACTERISTICS

Temp. (deg C)	Rst. (k ohms)	Temp. (deg C)	Rst. (k ohms)	Temp. (deg C)	Rst. (k ohms)
-30	117.6	11	12.88	52	2.273
-29	110.6	12	12.28	53	2.189
-28	104.0	13	11.71	54	2.109
-27	97.89	14	11.18	55	2.032
-26	92.18	15	10.67	56	1.958
-25	86.83	16	10.19	57	1.888
-24	81.84	17	9.730	58	1.829
-23	77.17	18	9.297	59	1.755
-22	72.80	19	8.885	60	1.693
-21	68.71	20	8.495	61	1.633
-20	64.88	21	8.120	62	1.576
-19	61.23	22	7.764	63	1.521
-18	57.82	23	7.804	64	1.468
-17	54.63	24	7.105	65	1.418
-16	51.63	25	6.800	66	1.369
-15	48.82	26	6.510	67	1.322
-14	46.18	27	6.234	68	1.278
-13	43.70	28	5.971	69	1.235
-12	41.37	29	5.721	70	1.193
-11	39.19	30	5.483	70	1.193
-10	37.13	31	5.255	71	1.153
-9	35.18	32	5.037	72	1.115
-8	33.35	33	4.829	73	1.078
-7	31.63	34	4.632	74	1.042
-6	30.01	35	4.443	75	1.008
-5	28.48	36	4.264	76	0.9748
-4	27.04	37	4.092	77	0.9432
-3	25.69	38	3.929	78	0.9127
-2	24.41	39	3.773	79	0.8834
-1	23.20	40	3.625	80	0.8552
0	22.06	41	3.482	81	0.8280
1	20.97	42	3.345	82	0.8017
2	19.94	43	3.215	83	0.7764
3	18.97	44	3.091	84	0.7521
4	18.05	45	2.972	85	0.7286
5	17.19	46	2.858	86	0.7059
6	16.37	47	2.750	87	0.684
7	15.59	48	2.646	88	0.6628
8	14.86	49	2.547	89	0.6425
9	14.17	50	2.452	90	0.6228
10	13.51	51	2.360		