



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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NTC thermistors for temperature measurement

Glass-encapsulated sensors,
standard type

Series/Type: B57550
Date: March 2006

Applications

- Automotive electronics
- Industrial electronics
- Home appliances

Features

- Glass-encapsulated, heat-resistive and highly stable
- For temperature measurement up to 300 °C
- Fast response
- Small dimensions
- Leads: dumet wires (copper-clad FeNi)

Options

Leads: nickel-plated dumet wires.
Alternative dimensions available on request.

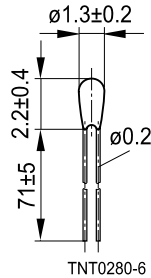
Delivery mode

Bulk

General technical data

Climatic category	(IEC 60068-1)		55/300/56	
Max. power	(at 25 °C)	P_{25}	32	mW
Resistance tolerance		$\Delta R_{RT}/R_{RT}$	$\pm 1, \pm 2, \pm 3, \pm 5$	%
Rated temperature		T_R	25	°C
Dissipation factor	(in air)	δ_{th}	approx. 0.75	mW/K
Thermal cooling time constant	(in air)	τ_c	approx. 7	s
Heat capacity		C_{th}	approx. 5	mJ/K

Dimensional drawing



Dimensions in mm

Electrical specification and ordering codes

R_{25} Ω	No. of R/T characteristic	$B_{25/85}$ K	$B_{0/100}$ K	$B_{25/100}$ K	Ordering code
2 k	8401	3420	3390 $\pm 1\%$	3436	B57550G0202+00*
5 k	8402	3480	3450 $\pm 1\%$	3497	B57550G0502+00*
10 k	8407	3480	3450 $\pm 1\%$	3497	B57550G0103+00*
20 k	8415	3992	3970 $\pm 1\%$	4006	B57550G0203+00*
30 k	8415	3992	3970 $\pm 1\%$	4006	B57550G0303+00*
50 k	8403	3992	3970 $\pm 1\%$	4006	B57550G0503+00*
100 k	8404	4066	4036 $\pm 1\%$	4085	B57550G0104+00*
230 k	8405	4240	4537 $\pm 1^{(1)}\%$	4264	B57550G0234+00*
1400 k	8406	4557	5133 $\pm 2^{(2)}\%$	4581	B57550G0145+00*

+= Resistance tolerance

 F = $\pm 1\%$

 G = $\pm 2\%$

 H = $\pm 3\%$

 J = $\pm 5\%$

* = Leads

0 = dumet wires

2 = nickel-plated wires

Reliability data

Test	Standard	Test conditions	$\Delta R_{25}/R_{25}$ (typical)	Remarks
Storage in dry heat	IEC 60068-2-2	Storage at upper category temperature T: 300 °C t: 1000 h	< 3%	No visible damage
Storage in damp heat, steady state	IEC 60068-2-67	Temperature of air: 85 °C Relative humidity of air: 85% Duration: 56 days	< 2%	No visible damage
Rapid temperature cycling	IEC 60068-2-14	Lower test temperature: -55 °C Upper test temperature: 200 °C Number of cycles: 1000	< 2%	No visible damage

 1) $B_{100/200}$

 2) $B_{200/300}$

R/T characteristics

B57550G0202F000						
R/T No.	8401					
T (°C)	B _{0/100} = 3390 K, R ₂₅ = 2000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 1%					
	R _{nomL} [Ω]	R _{minL} [Ω]	R _{maxL} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
-55.0	96473	91360	101590	5.3	0.8	6.2
-50.0	70975	67473	74477	4.9	0.8	6.0
-45.0	52779	50359	55200	4.6	0.8	5.8
-40.0	39650	37963	41336	4.3	0.8	5.6
-35.0	30075	28891	31258	3.9	0.7	5.4
-30.0	23023	22187	23859	3.6	0.7	5.3
-25.0	17779	17185	18373	3.3	0.7	5.1
-20.0	13844	13420	14267	3.1	0.6	4.9
-15.0	10865	10561	11169	2.8	0.6	4.8
-10.0	8592	8374	8810	2.5	0.5	4.6
-5.0	6844	6687	7001	2.3	0.5	4.5
0.0	5489	5376	5602	2.1	0.5	4.3
5.0	4432	4350	4513	1.8	0.4	4.2
10.0	3600	3542	3658	1.6	0.4	4.1
15.0	2943	2902	2984	1.4	0.4	4.0
20.0	2419	2390	2448	1.2	0.3	3.9
25.0	2000	1980	2020	1.0	0.3	3.8
30.0	1662	1642	1682	1.2	0.3	3.6
35.0	1389	1369	1408	1.4	0.4	3.5
40.0	1166	1148	1184	1.6	0.4	3.5
45.0	983.2	966.2	1000	1.7	0.5	3.4
50.0	833.0	817.3	848.8	1.9	0.6	3.3
55.0	708.9	694.4	723.5	2.1	0.6	3.2
60.0	605.8	592.4	619.3	2.2	0.7	3.1
65.0	519.9	507.6	532.2	2.4	0.8	3.0
70.0	447.8	436.6	459.1	2.5	0.9	2.9
75.0	387.3	376.9	397.6	2.7	0.9	2.9
80.0	336.1	326.7	345.5	2.8	1.0	2.8
85.0	292.7	284.1	301.3	2.9	1.1	2.7
90.0	255.8	247.9	263.7	3.1	1.2	2.7
95.0	224.3	217.1	231.5	3.2	1.2	2.6
100.0	197.3	190.7	203.8	3.3	1.3	2.5
105.0	174.0	168.0	180.1	3.5	1.4	2.5
110.0	154.0	148.5	159.5	3.6	1.5	2.4
115.0	136.7	131.6	141.7	3.7	1.6	2.4
120.0	121.6	117.0	126.3	3.8	1.7	2.3
125.0	108.5	104.3	112.8	3.9	1.7	2.3
130.0	97.11	93.19	101.0	4.0	1.8	2.2
135.0	87.10	83.49	90.71	4.1	1.9	2.2

B57550G0202F000						
R/T No.	8401					
T (°C)	B _{0/100} = 3390 K, R ₂₅ = 2000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 1%					
	R _{nom} [Ω]	R _{min} [Ω]	R _{max} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
140.0	78.32	74.99	81.64	4.2	2.0	2.1
145.0	70.59	67.52	73.66	4.3	2.1	2.1
150.0	63.77	60.93	66.61	4.4	2.2	2.0
155.0	57.74	55.11	60.37	4.5	2.3	2.0
160.0	52.39	49.96	54.83	4.6	2.4	1.9
165.0	47.64	45.39	49.90	4.7	2.5	1.9
170.0	43.41	41.32	45.51	4.8	2.6	1.8
175.0	39.64	37.69	41.59	4.9	2.7	1.8
180.0	36.26	34.45	38.08	5.0	2.8	1.8
185.0	33.24	31.55	34.93	5.1	3.0	1.7
190.0	30.52	28.94	32.10	5.2	3.1	1.7
195.0	28.08	26.60	29.55	5.3	3.2	1.7
200.0	25.87	24.49	27.25	5.3	3.3	1.6
205.0	23.88	22.59	25.18	5.4	3.4	1.6
210.0	22.08	20.87	23.30	5.5	3.5	1.6
215.0	20.45	19.31	21.59	5.6	3.7	1.5
220.0	18.97	17.90	20.04	5.6	3.8	1.5
225.0	17.62	16.61	18.63	5.7	3.9	1.5
230.0	16.40	15.45	17.34	5.8	4.1	1.4
235.0	15.28	14.38	16.17	5.9	4.2	1.4
240.0	14.25	13.41	15.10	5.9	4.3	1.4
245.0	13.32	12.52	14.12	6.0	4.5	1.3
250.0	12.46	11.71	13.22	6.1	4.6	1.3
255.0	11.67	10.96	12.39	6.1	4.7	1.3
260.0	10.95	10.27	11.63	6.2	4.9	1.3
265.0	10.29	9.642	10.93	6.3	5.0	1.2
270.0	9.672	9.061	10.28	6.3	5.2	1.2
275.0	9.106	8.526	9.687	6.4	5.3	1.2
280.0	8.584	8.032	9.136	6.4	5.5	1.2
285.0	8.101	7.575	8.627	6.5	5.7	1.1
290.0	7.653	7.152	8.155	6.6	5.8	1.1
295.0	7.238	6.760	7.717	6.6	6.0	1.1
300.0	6.853	6.397	7.310	6.7	6.2	1.1

B57550G0202G000						
R/T No.	8401					
T (°C)	B _{0/100} = 3390 K, R ₂₅ = 2000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 2%					
	R _{nom} [Ω]	R _{min} [Ω]	R _{max} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
-55.0	96473	90354	102590	6.3	1.0	6.2

B57550G0202G000						
R/T No.	8401					
T (°C)	B _{0/100} = 3390 K, R ₂₅ = 2000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 2%					
	R _{nom} [Ω]	R _{min} [Ω]	R _{max} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
-50.0	70975	66736	75215	6.0	1.0	6.0
-45.0	52779	49813	55746	5.6	1.0	5.8
-40.0	39650	37554	41745	5.3	0.9	5.6
-35.0	30075	28582	31568	5.0	0.9	5.4
-30.0	23023	21950	24095	4.7	0.9	5.3
-25.0	17779	17003	18554	4.4	0.9	5.1
-20.0	13844	13278	14409	4.1	0.8	4.9
-15.0	10865	10451	11279	3.8	0.8	4.8
-10.0	8592	8287	8898	3.6	0.8	4.6
-5.0	6844	6618	7070	3.3	0.7	4.5
0.0	5489	5321	5657	3.1	0.7	4.3
5.0	4432	4306	4557	2.8	0.7	4.2
10.0	3600	3506	3695	2.6	0.6	4.1
15.0	2943	2872	3014	2.4	0.6	4.0
20.0	2419	2366	2472	2.2	0.6	3.9
25.0	2000	1960	2040	2.0	0.5	3.8
30.0	1662	1626	1699	2.2	0.6	3.6
35.0	1389	1356	1422	2.4	0.7	3.5
40.0	1166	1136	1195	2.6	0.7	3.5
45.0	983.2	956.3	1010	2.7	0.8	3.4
50.0	833.0	808.9	857.2	2.9	0.9	3.3
55.0	708.9	687.2	730.7	3.1	1.0	3.2
60.0	605.8	586.3	625.4	3.2	1.0	3.1
65.0	519.9	502.3	537.4	3.4	1.1	3.0
70.0	447.8	432.0	463.7	3.5	1.2	2.9
75.0	387.3	373.0	401.5	3.7	1.3	2.9
80.0	336.1	323.2	348.9	3.8	1.4	2.8
85.0	292.7	281.1	304.3	4.0	1.5	2.7
90.0	255.8	245.3	266.3	4.1	1.5	2.7
95.0	224.3	214.8	233.8	4.2	1.6	2.6
100.0	197.3	188.7	205.9	4.4	1.7	2.5
105.0	174.0	166.2	181.8	4.5	1.8	2.5
110.0	154.0	146.9	161.1	4.6	1.9	2.4
115.0	136.7	130.2	143.1	4.7	2.0	2.4
120.0	121.6	115.7	127.5	4.8	2.1	2.3
125.0	108.5	103.2	113.9	5.0	2.2	2.3
130.0	97.11	92.19	102.0	5.1	2.3	2.2
135.0	87.10	82.59	91.61	5.2	2.4	2.2
140.0	78.32	74.18	82.45	5.3	2.5	2.1
145.0	70.59	66.79	74.39	5.4	2.6	2.1

B57550G0202G000						
R/T No.	8401					
T (°C)	B _{0/100} = 3390 K, R ₂₅ = 2000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 2%					
	R _{nom} [Ω]	R _{min} [Ω]	R _{max} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
150.0	63.77	60.27	67.27	5.5	2.7	2.0
155.0	57.74	54.52	60.96	5.6	2.8	2.0
160.0	52.39	49.42	55.37	5.7	3.0	1.9
165.0	47.64	44.89	50.39	5.8	3.1	1.9
170.0	43.41	40.87	45.96	5.9	3.2	1.8
175.0	39.64	37.28	42.00	6.0	3.3	1.8
180.0	36.26	34.07	38.46	6.0	3.4	1.8
185.0	33.24	31.20	35.28	6.1	3.6	1.7
190.0	30.52	28.62	32.42	6.2	3.7	1.7
195.0	28.08	26.31	29.85	6.3	3.8	1.7
200.0	25.87	24.22	27.52	6.4	3.9	1.6
205.0	23.88	22.34	25.43	6.5	4.1	1.6
210.0	22.08	20.64	23.53	6.5	4.2	1.6
215.0	20.45	19.10	21.80	6.6	4.4	1.5
220.0	18.97	17.70	20.24	6.7	4.5	1.5
225.0	17.62	16.43	18.81	6.8	4.6	1.5
230.0	16.40	15.27	17.52	6.8	4.8	1.4
235.0	15.28	14.22	16.33	6.9	4.9	1.4
240.0	14.25	13.26	15.25	7.0	5.1	1.4
245.0	13.32	12.38	14.26	7.0	5.2	1.3
250.0	12.46	11.57	13.35	7.1	5.4	1.3
255.0	11.67	10.84	12.51	7.2	5.6	1.3
260.0	10.95	10.16	11.74	7.2	5.7	1.3
265.0	10.29	9.534	11.04	7.3	5.9	1.2
270.0	9.672	8.959	10.38	7.4	6.1	1.2
275.0	9.106	8.430	9.783	7.4	6.2	1.2
280.0	8.584	7.941	9.227	7.5	6.4	1.2
285.0	8.101	7.489	8.712	7.5	6.6	1.1
290.0	7.653	7.071	8.235	7.6	6.8	1.1
295.0	7.238	6.684	7.793	7.7	6.9	1.1
300.0	6.853	6.324	7.382	7.7	7.1	1.1

B57550G0202H000						
R/T No.	8401					
T (°C)	B _{0/100} = 3390 K, R ₂₅ = 2000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 3%					
	R _{nom} [Ω]	R _{min} [Ω]	R _{max} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
-55.0	96473	89348	103600	7.4	1.2	6.2
-50.0	70975	65998	75952	7.0	1.2	6.0
-45.0	52779	49266	56293	6.7	1.1	5.8

B57550G0202H000						
R/T No.	8401					
T (°C)	$B_{0/100} = 3390 \text{ K}, R_{25} = 2000 \Omega, T_R = 25 \text{ °C}, \Delta R_R/R_R = \pm 3\%$					
	$R_{nom}[\Omega]$	$R_{min}[\Omega]$	$R_{max}[\Omega]$	$\Delta R_R/R_R[\pm\%]$	$\Delta T[\pm\text{°C}]$	$\alpha (\%/K)$
-40.0	39650	37145	42154	6.3	1.1	5.6
-35.0	30075	28273	31877	6.0	1.1	5.4
-30.0	23023	21714	24331	5.7	1.1	5.3
-25.0	17779	16821	18736	5.4	1.1	5.1
-20.0	13844	13137	14550	5.1	1.0	4.9
-15.0	10865	10340	11390	4.8	1.0	4.8
-10.0	8592	8200	8985	4.6	1.0	4.6
-5.0	6844	6548	7140	4.3	1.0	4.5
0.0	5489	5265	5713	4.1	0.9	4.3
5.0	4432	4261	4602	3.8	0.9	4.2
10.0	3600	3470	3731	3.6	0.9	4.1
15.0	2943	2843	3043	3.4	0.9	4.0
20.0	2419	2342	2497	3.2	0.8	3.9
25.0	2000	1940	2060	3.0	0.8	3.8
30.0	1662	1609	1715	3.2	0.9	3.6
35.0	1389	1342	1435	3.4	1.0	3.5
40.0	1166	1124	1207	3.6	1.0	3.5
45.0	983.2	946.4	1020	3.7	1.1	3.4
50.0	833.0	800.5	865.6	3.9	1.2	3.3
55.0	708.9	680.0	737.8	4.1	1.3	3.2
60.0	605.8	580.2	631.5	4.2	1.4	3.1
65.0	519.9	497.0	542.7	4.4	1.5	3.0
70.0	447.8	427.5	468.2	4.5	1.5	2.9
75.0	387.3	369.1	405.4	4.7	1.6	2.9
80.0	336.1	319.8	352.4	4.8	1.7	2.8
85.0	292.7	278.1	307.3	5.0	1.8	2.7
90.0	255.8	242.7	268.9	5.1	1.9	2.7
95.0	224.3	212.5	236.1	5.3	2.0	2.6
100.0	197.3	186.7	207.9	5.4	2.1	2.5
105.0	174.0	164.5	183.6	5.5	2.2	2.5
110.0	154.0	145.3	162.7	5.6	2.3	2.4
115.0	136.7	128.8	144.5	5.8	2.4	2.4
120.0	121.6	114.5	128.8	5.9	2.5	2.3
125.0	108.5	102.0	115.0	6.0	2.7	2.3
130.0	97.11	91.19	103.0	6.1	2.8	2.2
135.0	87.10	81.70	92.51	6.2	2.9	2.2
140.0	78.32	73.37	83.26	6.3	3.0	2.1
145.0	70.59	66.06	75.12	6.4	3.1	2.1
150.0	63.77	59.61	67.93	6.5	3.2	2.0
155.0	57.74	53.92	61.56	6.6	3.4	2.0

B57550G0202H000						
R/T No.	8401					
T (°C)	B _{0/100} = 3390 K, R ₂₅ = 2000 Ω, T _R = 25 °C, ΔR _R /R _R ± 3%					
	R _{nom} [Ω]	R _{min} [Ω]	R _{max} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
160.0	52.39	48.88	55.91	6.7	3.5	1.9
165.0	47.64	44.40	50.89	6.8	3.6	1.9
170.0	43.41	40.42	46.41	6.9	3.8	1.8
175.0	39.64	36.87	42.41	7.0	3.9	1.8
180.0	36.26	33.69	38.83	7.1	4.0	1.8
185.0	33.24	30.85	35.62	7.2	4.2	1.7
190.0	30.52	28.31	32.74	7.3	4.3	1.7
195.0	28.08	26.02	30.14	7.3	4.4	1.7
200.0	25.87	23.95	27.79	7.4	4.6	1.6
205.0	23.88	22.09	25.68	7.5	4.7	1.6
210.0	22.08	20.41	23.76	7.6	4.9	1.6
215.0	20.45	18.88	22.02	7.7	5.0	1.5
220.0	18.97	17.50	20.44	7.7	5.2	1.5
225.0	17.62	16.25	19.00	7.8	5.4	1.5
230.0	16.40	15.10	17.69	7.9	5.5	1.4
235.0	15.28	14.06	16.49	8.0	5.7	1.4
240.0	14.25	13.11	15.40	8.0	5.9	1.4
245.0	13.32	12.24	14.40	8.1	6.0	1.3
250.0	12.46	11.44	13.48	8.2	6.2	1.3
255.0	11.67	10.71	12.63	8.2	6.4	1.3
260.0	10.95	10.04	11.86	8.3	6.5	1.3
265.0	10.29	9.426	11.14	8.4	6.7	1.2
270.0	9.672	8.858	10.49	8.4	6.9	1.2
275.0	9.106	8.334	9.879	8.5	7.1	1.2
280.0	8.584	7.851	9.317	8.5	7.3	1.2
285.0	8.101	7.404	8.798	8.6	7.5	1.1
290.0	7.653	6.990	8.316	8.7	7.7	1.1
295.0	7.238	6.607	7.869	8.7	7.9	1.1
300.0	6.853	6.252	7.455	8.8	8.1	1.1

B57550G0202J000						
R/T No.	8401					
T (°C)	B _{0/100} = 3390 K, R ₂₅ = 2000 Ω, T _R = 25 °C, ΔR _R /R _R ± 5%					
	R _{nom} [Ω]	R _{min} [Ω]	R _{max} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
-55.0	96473	87337	105610	9.5	1.5	6.2
-50.0	70975	64523	77427	9.1	1.5	6.0
-45.0	52779	48173	57386	8.7	1.5	5.8
-40.0	39650	36326	42973	8.4	1.5	5.6
-35.0	30075	27654	32496	8.1	1.5	5.4

B57550G0202J000						
R/T No.	8401					
T (°C)	B _{0/100} = 3390 K, R ₂₅ = 2000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 5%					
	R _{nom} [Ω]	R _{min} [Ω]	R _{max} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
-30.0	23023	21242	24804	7.7	1.5	5.3
-25.0	17779	16457	19100	7.4	1.5	5.1
-20.0	13844	12855	14833	7.1	1.5	4.9
-15.0	10865	10119	11611	6.9	1.4	4.8
-10.0	8592	8025	9159	6.6	1.4	4.6
-5.0	6844	6410	7278	6.3	1.4	4.5
0.0	5489	5154	5824	6.1	1.4	4.3
5.0	4432	4172	4691	5.9	1.4	4.2
10.0	3600	3398	3803	5.6	1.4	4.1
15.0	2943	2783	3102	5.4	1.4	4.0
20.0	2419	2293	2545	5.2	1.3	3.9
25.0	2000	1900	2100	5.0	1.3	3.8
30.0	1662	1576	1749	5.2	1.4	3.6
35.0	1389	1314	1463	5.4	1.5	3.5
40.0	1166	1101	1231	5.6	1.6	3.5
45.0	983.2	926.6	1040	5.8	1.7	3.4
50.0	833.0	783.7	882.4	5.9	1.8	3.3
55.0	708.9	665.7	752.1	6.1	1.9	3.2
60.0	605.8	567.9	643.8	6.3	2.0	3.1
65.0	519.9	486.5	553.3	6.4	2.1	3.0
70.0	447.8	418.4	477.3	6.6	2.2	2.9
75.0	387.3	361.2	413.3	6.7	2.3	2.9
80.0	336.1	313.0	359.2	6.9	2.5	2.8
85.0	292.7	272.2	313.3	7.0	2.6	2.7
90.0	255.8	237.5	274.1	7.2	2.7	2.7
95.0	224.3	207.9	240.6	7.3	2.8	2.6
100.0	197.3	182.6	211.9	7.4	2.9	2.5
105.0	174.0	160.9	187.2	7.6	3.1	2.5
110.0	154.0	142.2	165.8	7.7	3.2	2.4
115.0	136.7	126.0	147.3	7.8	3.3	2.4
120.0	121.6	112.0	131.3	7.9	3.4	2.3
125.0	108.5	99.81	117.3	8.0	3.6	2.3
130.0	97.11	89.19	105.0	8.2	3.7	2.2
135.0	87.10	79.90	94.30	8.3	3.8	2.2
140.0	78.32	71.76	84.88	8.4	4.0	2.1
145.0	70.59	64.60	76.58	8.5	4.1	2.1
150.0	63.77	58.29	69.25	8.6	4.3	2.0
155.0	57.74	52.72	62.76	8.7	4.4	2.0
160.0	52.39	47.79	57.00	8.8	4.6	1.9
165.0	47.64	43.41	51.88	8.9	4.7	1.9

B57550G0202J000						
R/T No.	8401					
T (°C)	B _{0/100} = 3390 K, R ₂₅ = 2000 Ω, T _R = 25 °C, ΔR _R /R _R [±%]					
	R _{nom} [Ω]	R _{min} [Ω]	R _{max} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
170.0	43.41	39.52	47.31	9.0	4.9	1.8
175.0	39.64	36.04	43.24	9.1	5.0	1.8
180.0	36.26	32.94	39.59	9.2	5.2	1.8
185.0	33.24	30.16	36.31	9.3	5.4	1.7
190.0	30.52	27.67	33.37	9.3	5.5	1.7
195.0	28.08	25.43	30.72	9.4	5.7	1.7
200.0	25.87	23.41	28.33	9.5	5.9	1.6
205.0	23.88	21.59	26.17	9.6	6.1	1.6
210.0	22.08	19.95	24.22	9.7	6.2	1.6
215.0	20.45	18.46	22.45	9.8	6.4	1.5
220.0	18.97	17.11	20.83	9.8	6.6	1.5
225.0	17.62	15.88	19.37	9.9	6.8	1.5
230.0	16.40	14.76	18.03	10.0	7.0	1.4
235.0	15.28	13.74	16.81	10.1	7.2	1.4
240.0	14.25	12.81	15.70	10.1	7.4	1.4
245.0	13.32	11.96	14.68	10.2	7.6	1.3
250.0	12.46	11.18	13.74	10.3	7.8	1.3
255.0	11.67	10.47	12.88	10.3	8.0	1.3
260.0	10.95	9.812	12.09	10.4	8.2	1.3
265.0	10.29	9.209	11.36	10.5	8.4	1.2
270.0	9.672	8.654	10.69	10.5	8.6	1.2
275.0	9.106	8.142	10.07	10.6	8.9	1.2
280.0	8.584	7.670	9.498	10.7	9.1	1.2
285.0	8.101	7.233	8.968	10.7	9.3	1.1
290.0	7.653	6.829	8.478	10.8	9.6	1.1
295.0	7.238	6.454	8.022	10.8	9.8	1.1
300.0	6.853	6.107	7.599	10.9	10.1	1.1

B57550G0502F000						
R/T No.	8402					
T (°C)	B _{0/100} = 3450 K, R ₂₅ = 5000 Ω, T _R = 25 °C, ΔR _R /R _R [±%]					
	R _{nom} [Ω]	R _{min} [Ω]	R _{max} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
-55.0	259960	245980	273940	5.4	0.8	6.4
-50.0	189950	180440	199450	5.0	0.8	6.2
-45.0	140350	133820	146880	4.7	0.8	5.9
-40.0	104800	100280	109320	4.3	0.8	5.7
-35.0	79044	75892	82196	4.0	0.7	5.5
-30.0	60186	57972	62400	3.7	0.7	5.4
-25.0	46242	44678	47806	3.4	0.7	5.2

B57550G0502F000						
R/T No.	8402					
T (°C)	B _{0/100} = 3450 K, R ₂₅ = 5000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 1%					
	R _{nom} [Ω]	R _{min} [Ω]	R _{max} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
-20.0	35834	34724	36945	3.1	0.6	5.0
-15.0	27996	27205	28788	2.8	0.6	4.9
-10.0	22043	21478	22609	2.6	0.5	4.7
-5.0	17485	17080	17890	2.3	0.5	4.6
0.0	13968	13678	14258	2.1	0.5	4.4
5.0	11234	11027	11441	1.8	0.4	4.3
10.0	9094	8946	9241	1.6	0.4	4.2
15.0	7407	7302	7511	1.4	0.3	4.0
20.0	6068	5995	6141	1.2	0.3	3.9
25.0	5000	4950	5050	1.0	0.3	3.8
30.0	4142	4093	4192	1.2	0.3	3.7
35.0	3450	3402	3497	1.4	0.4	3.6
40.0	2887	2842	2932	1.6	0.4	3.5
45.0	2428	2386	2470	1.7	0.5	3.4
50.0	2051	2012	2090	1.9	0.6	3.3
55.0	1741	1705	1777	2.1	0.6	3.2
60.0	1484	1450	1517	2.2	0.7	3.2
65.0	1270	1239	1300	2.4	0.8	3.1
70.0	1091	1063	1119	2.5	0.8	3.0
75.0	940.8	915.5	966.2	2.7	0.9	2.9
80.0	814.4	791.3	837.5	2.8	1.0	2.8
85.0	707.5	686.5	728.6	3.0	1.1	2.8
90.0	616.8	597.5	636.0	3.1	1.1	2.7
95.0	539.4	521.9	556.9	3.2	1.2	2.6
100.0	473.3	457.3	489.3	3.4	1.3	2.6
105.0	416.6	402.0	431.2	3.5	1.4	2.5
110.0	367.7	354.4	381.1	3.6	1.5	2.5
115.0	325.6	313.4	337.8	3.7	1.6	2.4
120.0	289.0	277.9	300.2	3.9	1.6	2.4
125.0	257.3	247.1	267.6	4.0	1.7	2.3
130.0	229.7	220.3	239.1	4.1	1.8	2.2
135.0	205.5	196.9	214.2	4.2	1.9	2.2
140.0	184.4	176.4	192.3	4.3	2.0	2.1
145.0	165.8	158.5	173.1	4.4	2.1	2.1
150.0	149.4	142.7	156.2	4.5	2.2	2.1
155.0	135.0	128.8	141.2	4.6	2.3	2.0
160.0	122.2	116.5	128.0	4.7	2.4	2.0
165.0	110.9	105.5	116.2	4.8	2.5	1.9
170.0	100.8	95.86	105.7	4.9	2.6	1.9
175.0	91.82	87.24	96.40	5.0	2.7	1.8

B57550G0502F000						
R/T No.	8402					
T (°C)	B _{0/100} = 3450 K, R ₂₅ = 5000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 1%					
	R _{nom} [Ω]	R _{min} [Ω]	R _{max} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
180.0	83.81	79.55	88.06	5.1	2.8	1.8
185.0	76.64	72.68	80.60	5.2	2.9	1.8
190.0	70.21	66.53	73.90	5.3	3.0	1.7
195.0	64.44	61.00	67.88	5.3	3.1	1.7
200.0	59.25	56.04	62.46	5.4	3.3	1.7
205.0	54.56	51.56	57.56	5.5	3.4	1.6
210.0	50.33	47.53	53.14	5.6	3.5	1.6
215.0	46.51	43.88	49.14	5.7	3.6	1.6
220.0	43.04	40.57	45.50	5.7	3.7	1.5
225.0	39.89	37.57	42.20	5.8	3.9	1.5
230.0	37.02	34.85	39.20	5.9	4.0	1.5
235.0	34.42	32.37	36.46	5.9	4.1	1.4
240.0	32.04	30.11	33.97	6.0	4.2	1.4
245.0	29.86	28.05	31.68	6.1	4.4	1.4
250.0	27.88	26.16	29.59	6.2	4.5	1.4
255.0	26.05	24.43	27.67	6.2	4.6	1.3
260.0	24.38	22.85	25.91	6.3	4.8	1.3
265.0	22.85	21.40	24.30	6.3	4.9	1.3
270.0	21.43	20.06	22.81	6.4	5.1	1.3
275.0	20.13	18.83	21.43	6.5	5.2	1.2
280.0	18.93	17.69	20.17	6.5	5.4	1.2
285.0	17.82	16.65	19.00	6.6	5.5	1.2
290.0	16.80	15.68	17.91	6.7	5.7	1.2
295.0	15.85	14.79	16.91	6.7	5.8	1.2
300.0	14.97	13.96	15.98	6.8	6.0	1.1

B57550G0502G000						
R/T No.	8402					
T (°C)	B _{0/100} = 3450 K, R ₂₅ = 5000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 2%					
	R _{nom} [Ω]	R _{min} [Ω]	R _{max} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
-55.0	259960	243260	276650	6.4	1.0	6.4
-50.0	189950	178460	201430	6.0	1.0	6.2
-45.0	140350	132370	148330	5.7	1.0	5.9
-40.0	104800	99201	110400	5.3	0.9	5.7
-35.0	79044	75078	83010	5.0	0.9	5.5
-30.0	60186	57354	63018	4.7	0.9	5.4
-25.0	46242	44204	48279	4.4	0.8	5.2
-20.0	35834	34358	37310	4.1	0.8	5.0
-15.0	27996	26920	29073	3.8	0.8	4.9

B57550G0502G000						
R/T No.	8402					
T (°C)	$B_{0/100} = 3450 \text{ K}, R_{25} = 5000 \text{ } \Omega, T_R = 25 \text{ } ^\circ\text{C}, \Delta R_R/R_R = \pm 2\%$					
	$R_{\text{nom}}[\Omega]$	$R_{\text{min}}[\Omega]$	$R_{\text{max}}[\Omega]$	$\Delta R_R/R_R[\pm\%]$	$\Delta T[\pm^\circ\text{C}]$	$\alpha (\%/K)$
-10.0	22043	21254	22833	3.6	0.8	4.7
-5.0	17485	16903	18067	3.3	0.7	4.6
0.0	13968	13537	14399	3.1	0.7	4.4
5.0	11234	10914	11554	2.9	0.7	4.3
10.0	9094	8855	9332	2.6	0.6	4.2
15.0	7407	7228	7585	2.4	0.6	4.0
20.0	6068	5935	6202	2.2	0.6	3.9
25.0	5000	4900	5100	2.0	0.5	3.8
30.0	4142	4051	4233	2.2	0.6	3.7
35.0	3450	3367	3532	2.4	0.7	3.6
40.0	2887	2813	2961	2.6	0.7	3.5
45.0	2428	2361	2495	2.7	0.8	3.4
50.0	2051	1991	2111	2.9	0.9	3.3
55.0	1741	1687	1795	3.1	1.0	3.2
60.0	1484	1435	1532	3.2	1.0	3.2
65.0	1270	1226	1313	3.4	1.1	3.1
70.0	1091	1052	1130	3.6	1.2	3.0
75.0	940.8	905.9	975.7	3.7	1.3	2.9
80.0	814.4	783.0	845.8	3.9	1.4	2.8
85.0	707.5	679.2	735.8	4.0	1.4	2.8
90.0	616.8	591.3	642.3	4.1	1.5	2.7
95.0	539.4	516.4	562.4	4.3	1.6	2.6
100.0	473.3	452.5	494.1	4.4	1.7	2.6
105.0	416.6	397.7	435.4	4.5	1.8	2.5
110.0	367.7	350.6	384.8	4.7	1.9	2.5
115.0	325.6	310.0	341.1	4.8	2.0	2.4
120.0	289.0	274.9	303.2	4.9	2.1	2.4
125.0	257.3	244.4	270.2	5.0	2.2	2.3
130.0	229.7	217.9	241.4	5.1	2.3	2.2
135.0	205.5	194.8	216.3	5.2	2.4	2.2
140.0	184.4	174.5	194.2	5.3	2.5	2.1
145.0	165.8	156.8	174.8	5.4	2.6	2.1
150.0	149.4	141.1	157.7	5.5	2.7	2.1
155.0	135.0	127.4	142.6	5.6	2.8	2.0
160.0	122.2	115.2	129.2	5.7	2.9	2.0
165.0	110.9	104.4	117.4	5.8	3.0	1.9
170.0	100.8	94.82	106.8	5.9	3.1	1.9
175.0	91.82	86.29	97.36	6.0	3.3	1.8
180.0	83.81	78.68	88.94	6.1	3.4	1.8
185.0	76.64	71.88	81.40	6.2	3.5	1.8

B57550G0502G000						
R/T No.	8402					
T (°C)	B _{0/100} = 3450 K, R ₂₅ = 5000 Ω, T _R = 25 °C, ΔR _R /R _R ± 2%					
	R _{nom} [Ω]	R _{min} [Ω]	R _{max} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
190.0	70.21	65.80	74.63	6.3	3.6	1.7
195.0	64.44	60.33	68.55	6.4	3.8	1.7
200.0	59.25	55.42	63.07	6.5	3.9	1.7
205.0	54.56	50.99	58.13	6.5	4.0	1.6
210.0	50.33	47.00	53.67	6.6	4.1	1.6
215.0	46.51	43.39	49.62	6.7	4.3	1.6
220.0	43.04	40.12	45.95	6.8	4.4	1.5
225.0	39.89	37.16	42.62	6.9	4.6	1.5
230.0	37.02	34.46	39.59	6.9	4.7	1.5
235.0	34.42	32.01	36.82	7.0	4.8	1.4
240.0	32.04	29.77	34.30	7.1	5.0	1.4
245.0	29.86	27.73	32.00	7.1	5.1	1.4
250.0	27.88	25.87	29.88	7.2	5.3	1.4
255.0	26.05	24.16	27.95	7.3	5.4	1.3
260.0	24.38	22.59	26.17	7.3	5.6	1.3
265.0	22.85	21.15	24.54	7.4	5.7	1.3
270.0	21.43	19.83	23.03	7.5	5.9	1.3
275.0	20.13	18.62	21.65	7.5	6.1	1.2
280.0	18.93	17.49	20.37	7.6	6.2	1.2
285.0	17.82	16.46	19.19	7.6	6.4	1.2
290.0	16.80	15.50	18.09	7.7	6.6	1.2
295.0	15.85	14.62	17.08	7.8	6.7	1.2
300.0	14.97	13.80	16.14	7.8	6.9	1.1

B57550G0502H000						
R/T No.	8402					
T (°C)	B _{0/100} = 3450 K, R ₂₅ = 5000 Ω, T _R = 25 °C, ΔR _R /R _R ± 3%					
	R _{nom} [Ω]	R _{min} [Ω]	R _{max} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
-55.0	259960	240550	279360	7.5	1.2	6.4
-50.0	189950	176490	203400	7.1	1.1	6.2
-45.0	140350	130910	149780	6.7	1.1	5.9
-40.0	104800	98118	111480	6.4	1.1	5.7
-35.0	79044	74264	83824	6.0	1.1	5.5
-30.0	60186	56736	63636	5.7	1.1	5.4
-25.0	46242	43731	48753	5.4	1.0	5.2
-20.0	35834	33992	37676	5.1	1.0	5.0
-15.0	27996	26635	29358	4.9	1.0	4.9
-10.0	22043	21030	23057	4.6	1.0	4.7
-5.0	17485	16726	18245	4.3	1.0	4.6

B57550G0502H000						
R/T No.	8402					
T (°C)	$B_{0/100} = 3450 \text{ K}, R_{25} = 5000 \Omega, T_R = 25 \text{ °C}, \Delta R_R/R_R = \pm 3\%$					
	$R_{nom}[\Omega]$	$R_{min}[\Omega]$	$R_{max}[\Omega]$	$\Delta R_R/R_R[\pm\%]$	$\Delta T[\pm^\circ\text{C}]$	$\alpha (\%/K)$
0.0	13968	13396	14540	4.1	0.9	4.4
5.0	11234	10800	11668	3.9	0.9	4.3
10.0	9094	8763	9424	3.6	0.9	4.2
15.0	7407	7154	7659	3.4	0.8	4.0
20.0	6068	5874	6263	3.2	0.8	3.9
25.0	5000	4850	5150	3.0	0.8	3.8
30.0	4142	4010	4275	3.2	0.9	3.7
35.0	3450	3333	3566	3.4	0.9	3.6
40.0	2887	2784	2990	3.6	1.0	3.5
45.0	2428	2337	2519	3.8	1.1	3.4
50.0	2051	1971	2132	3.9	1.2	3.3
55.0	1741	1670	1812	4.1	1.3	3.2
60.0	1484	1420	1547	4.3	1.3	3.2
65.0	1270	1214	1326	4.4	1.4	3.1
70.0	1091	1041	1141	4.6	1.5	3.0
75.0	940.8	896.4	985.3	4.7	1.6	2.9
80.0	814.4	774.7	854.1	4.9	1.7	2.8
85.0	707.5	672.0	743.0	5.0	1.8	2.8
90.0	616.8	585.0	648.5	5.2	1.9	2.7
95.0	539.4	510.9	568.0	5.3	2.0	2.6
100.0	473.3	447.6	499.0	5.4	2.1	2.6
105.0	416.6	393.4	439.7	5.6	2.2	2.5
110.0	367.7	346.9	388.6	5.7	2.3	2.5
115.0	325.6	306.7	344.5	5.8	2.4	2.4
120.0	289.0	271.9	306.2	5.9	2.5	2.4
125.0	257.3	241.8	272.9	6.0	2.6	2.3
130.0	229.7	215.6	243.8	6.2	2.7	2.2
135.0	205.5	192.7	218.4	6.3	2.9	2.2
140.0	184.4	172.6	196.1	6.4	3.0	2.1
145.0	165.8	155.1	176.5	6.5	3.1	2.1
150.0	149.4	139.6	159.3	6.6	3.2	2.1
155.0	135.0	126.0	144.0	6.7	3.3	2.0
160.0	122.2	113.9	130.5	6.8	3.4	2.0
165.0	110.9	103.2	118.5	6.9	3.6	1.9
170.0	100.8	93.77	107.8	7.0	3.7	1.9
175.0	91.82	85.33	98.31	7.1	3.8	1.8
180.0	83.81	77.81	89.81	7.2	4.0	1.8
185.0	76.64	71.09	82.19	7.2	4.1	1.8
190.0	70.21	65.06	75.36	7.3	4.2	1.7
195.0	64.44	59.66	69.22	7.4	4.4	1.7

B57550G0502H000						
R/T No.	8402					
T (°C)	B _{0/100} = 3450 K, R ₂₅ = 5000 Ω, T _R = 25 °C, ΔR _R /R _R ± 3%					
	R _{nom} [Ω]	R _{min} [Ω]	R _{max} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
200.0	59.25	54.80	63.69	7.5	4.5	1.7
205.0	54.56	50.42	58.70	7.6	4.7	1.6
210.0	50.33	46.48	54.19	7.7	4.8	1.6
215.0	46.51	42.90	50.11	7.7	4.9	1.6
220.0	43.04	39.67	46.40	7.8	5.1	1.5
225.0	39.89	36.74	43.04	7.9	5.2	1.5
230.0	37.02	34.07	39.98	8.0	5.4	1.5
235.0	34.42	31.65	37.19	8.0	5.6	1.4
240.0	32.04	29.44	34.64	8.1	5.7	1.4
245.0	29.86	27.42	32.31	8.2	5.9	1.4
250.0	27.88	25.57	30.18	8.3	6.0	1.4
255.0	26.05	23.89	28.22	8.3	6.2	1.3
260.0	24.38	22.34	26.43	8.4	6.4	1.3
265.0	22.85	20.91	24.78	8.5	6.6	1.3
270.0	21.43	19.61	23.26	8.5	6.7	1.3
275.0	20.13	18.40	21.86	8.6	6.9	1.2
280.0	18.93	17.29	20.57	8.6	7.1	1.2
285.0	17.82	16.27	19.37	8.7	7.3	1.2
290.0	16.80	15.33	18.27	8.8	7.5	1.2
295.0	15.85	14.45	17.25	8.8	7.7	1.2
300.0	14.97	13.64	16.30	8.9	7.8	1.1

B57550G0502J000						
R/T No.	8402					
T (°C)	B _{0/100} = 3450 K, R ₂₅ = 5000 Ω, T _R = 25 °C, ΔR _R /R _R ± 5%					
	R _{nom} [Ω]	R _{min} [Ω]	R _{max} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
-55.0	259960	235130	284790	9.6	1.5	6.4
-50.0	189950	172540	207350	9.2	1.5	6.2
-45.0	140350	128010	152690	8.8	1.5	5.9
-40.0	104800	95953	113650	8.4	1.5	5.7
-35.0	79044	72637	85452	8.1	1.5	5.5
-30.0	60186	55501	64871	7.8	1.5	5.4
-25.0	46242	42784	49699	7.5	1.4	5.2
-20.0	35834	33260	38408	7.2	1.4	5.0
-15.0	27996	26065	29928	6.9	1.4	4.9
-10.0	22043	20582	23505	6.6	1.4	4.7
-5.0	17485	16372	18599	6.4	1.4	4.6
0.0	13968	13114	14823	6.1	1.4	4.4
5.0	11234	10574	11894	5.9	1.4	4.3

B57550G0502J000						
R/T No.	8402					
T (°C)	B _{0/100} = 3450 K, R ₂₅ = 5000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 5%					
	R _{nom} [Ω]	R _{min} [Ω]	R _{max} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
10.0	9094	8580	9607	5.6	1.4	4.2
15.0	7407	7005	7808	5.4	1.3	4.0
20.0	6068	5752	6384	5.2	1.3	3.9
25.0	5000	4750	5250	5.0	1.3	3.8
30.0	4142	3927	4358	5.2	1.4	3.7
35.0	3450	3263	3636	5.4	1.5	3.6
40.0	2887	2726	3048	5.6	1.6	3.5
45.0	2428	2288	2568	5.8	1.7	3.4
50.0	2051	1929	2173	5.9	1.8	3.3
55.0	1741	1634	1847	6.1	1.9	3.2
60.0	1484	1390	1577	6.3	2.0	3.2
65.0	1270	1188	1352	6.4	2.1	3.1
70.0	1091	1019	1163	6.6	2.2	3.0
75.0	940.8	877.2	1004	6.8	2.3	2.9
80.0	814.4	758.2	870.7	6.9	2.4	2.8
85.0	707.5	657.6	757.4	7.1	2.5	2.8
90.0	616.8	572.4	661.1	7.2	2.7	2.7
95.0	539.4	499.8	579.0	7.3	2.8	2.6
100.0	473.3	437.9	508.7	7.5	2.9	2.6
105.0	416.6	384.9	448.2	7.6	3.0	2.5
110.0	367.7	339.3	396.2	7.7	3.1	2.5
115.0	325.6	300.0	351.1	7.9	3.3	2.4
120.0	289.0	266.0	312.1	8.0	3.4	2.4
125.0	257.3	236.5	278.2	8.1	3.5	2.3
130.0	229.7	210.8	248.5	8.2	3.7	2.2
135.0	205.5	188.4	222.6	8.3	3.8	2.2
140.0	184.4	168.8	199.9	8.4	3.9	2.1
145.0	165.8	151.6	180.0	8.5	4.1	2.1
150.0	149.4	136.5	162.4	8.7	4.2	2.1
155.0	135.0	123.2	146.8	8.8	4.4	2.0
160.0	122.2	111.4	133.0	8.9	4.5	2.0
165.0	110.9	100.9	120.8	9.0	4.6	1.9
170.0	100.8	91.67	109.9	9.1	4.8	1.9
175.0	91.82	83.42	100.2	9.1	5.0	1.8
180.0	83.81	76.07	91.55	9.2	5.1	1.8
185.0	76.64	69.49	83.79	9.3	5.3	1.8
190.0	70.21	63.60	76.83	9.4	5.4	1.7
195.0	64.44	58.32	70.57	9.5	5.6	1.7
200.0	59.25	53.56	64.93	9.6	5.8	1.7
205.0	54.56	49.28	59.84	9.7	5.9	1.6

B57550G0502J000						
R/T No.	8402					
T (°C)	$B_{0/100} = 3450 \text{ K}$, $R_{25} = 5000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 5\%$					
	$R_{nom}[\Omega]$	$R_{min}[\Omega]$	$R_{max}[\Omega]$	$\Delta R_R/R_R[\pm\%]$	$\Delta T[\pm^\circ\text{C}]$	$\alpha (\%/K)$
210.0	50.33	45.42	55.24	9.8	6.1	1.6
215.0	46.51	41.93	51.08	9.8	6.3	1.6
220.0	43.04	38.77	47.31	9.9	6.5	1.5
225.0	39.89	35.90	43.87	10.0	6.6	1.5
230.0	37.02	33.30	40.75	10.1	6.8	1.5
235.0	34.42	30.93	37.91	10.1	7.0	1.4
240.0	32.04	28.76	35.31	10.2	7.2	1.4
245.0	29.86	26.79	32.94	10.3	7.4	1.4
250.0	27.88	24.99	30.76	10.4	7.6	1.4
255.0	26.05	23.34	28.77	10.4	7.8	1.3
260.0	24.38	21.82	26.94	10.5	8.0	1.3
265.0	22.85	20.43	25.26	10.6	8.2	1.3
270.0	21.43	19.16	23.71	10.6	8.4	1.3
275.0	20.13	17.98	22.28	10.7	8.6	1.2
280.0	18.93	16.90	20.97	10.8	8.8	1.2
285.0	17.82	15.89	19.75	10.8	9.0	1.2
290.0	16.80	14.97	18.62	10.9	9.3	1.2
295.0	15.85	14.12	17.58	10.9	9.5	1.2
300.0	14.97	13.32	16.61	11.0	9.7	1.1

B57550G0103F000						
R/T No.	8407					
T (°C)	$B_{0/100} = 3450 \text{ K}$, $R_{25} = 10000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 1\%$					
	$R_{nom}[\Omega]$	$R_{min}[\Omega]$	$R_{max}[\Omega]$	$\Delta R_R/R_R[\pm\%]$	$\Delta T[\pm^\circ\text{C}]$	$\alpha (\%/K)$
-55.0	519910	491950	547870	5.4	0.8	6.4
-50.0	379890	360880	398910	5.0	0.8	6.2
-45.0	280700	267640	293750	4.7	0.8	5.9
-40.0	209600	200570	218640	4.3	0.8	5.7
-35.0	158090	151780	164390	4.0	0.7	5.5
-30.0	120370	115940	124800	3.7	0.7	5.4
-25.0	92484	89355	95612	3.4	0.7	5.2
-20.0	71668	69447	73889	3.1	0.6	5.0
-15.0	55993	54410	57576	2.8	0.6	4.9
-10.0	44087	42955	45218	2.6	0.5	4.7
-5.0	34971	34161	35780	2.3	0.5	4.6
0.0	27936	27356	28516	2.1	0.5	4.4
5.0	22468	22054	22882	1.8	0.4	4.3
10.0	18187	17892	18482	1.6	0.4	4.2
15.0	14813	14605	15021	1.4	0.3	4.0

B57550G0103F000						
R/T No.	8407					
T (°C)	B _{0/100} = 3450 K, R ₂₅ = 10000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 1%					
	R _{nom} [Ω]	R _{min} [Ω]	R _{max} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
20.0	12136	11991	12282	1.2	0.3	3.9
25.0	10000	9900	10100	1.0	0.3	3.8
30.0	8284	8186	8383	1.2	0.3	3.7
35.0	6899	6804	6994	1.4	0.4	3.6
40.0	5774	5684	5864	1.6	0.4	3.5
45.0	4856	4772	4940	1.7	0.5	3.4
50.0	4103	4024	4181	1.9	0.6	3.3
55.0	3482	3409	3554	2.1	0.6	3.2
60.0	2967	2901	3034	2.2	0.7	3.2
65.0	2539	2479	2600	2.4	0.8	3.1
70.0	2182	2126	2237	2.5	0.8	3.0
75.0	1882	1831	1932	2.7	0.9	2.9
80.0	1629	1583	1675	2.8	1.0	2.8
85.0	1415	1373	1457	3.0	1.1	2.8
90.0	1234	1195	1272	3.1	1.1	2.7
95.0	1079	1044	1114	3.2	1.2	2.6
100.0	946.6	914.6	978.6	3.4	1.3	2.6
105.0	833.1	803.9	862.3	3.5	1.4	2.5
110.0	735.5	708.8	762.1	3.6	1.5	2.5
115.0	651.1	626.7	675.5	3.7	1.6	2.4
120.0	578.1	555.8	600.4	3.9	1.6	2.4
125.0	514.6	494.2	535.1	4.0	1.7	2.3
130.0	459.4	440.6	478.1	4.1	1.8	2.2
135.0	411.1	393.8	428.3	4.2	1.9	2.2
140.0	368.8	352.9	384.6	4.3	2.0	2.1
145.0	331.6	317.0	346.2	4.4	2.1	2.1
150.0	298.9	285.4	312.3	4.5	2.2	2.1
155.0	270.0	257.5	282.4	4.6	2.3	2.0
160.0	244.4	232.9	255.9	4.7	2.4	2.0
165.0	221.7	211.1	232.4	4.8	2.5	1.9
170.0	201.6	191.7	211.5	4.9	2.6	1.9
175.0	183.6	174.5	192.8	5.0	2.7	1.8
180.0	167.6	159.1	176.1	5.1	2.8	1.8
185.0	153.3	145.4	161.2	5.2	2.9	1.8
190.0	140.4	133.1	147.8	5.3	3.0	1.7
195.0	128.9	122.0	135.8	5.3	3.1	1.7
200.0	118.5	112.1	124.9	5.4	3.3	1.7
205.0	109.1	103.1	115.1	5.5	3.4	1.6
210.0	100.7	95.05	106.3	5.6	3.5	1.6
215.0	93.01	87.76	98.27	5.7	3.6	1.6

B57550G0103F000						
R/T No.	8407					
T (°C)	$B_{0/100} = 3450 \text{ K}$, $R_{25} = 10000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 1\%$					
	$R_{nom}[\Omega]$	$R_{min}[\Omega]$	$R_{max}[\Omega]$	$\Delta R_R/R_R[\pm\%]$	$\Delta T[\pm^\circ\text{C}]$	$\alpha (\%/K)$
220.0	86.08	81.14	91.01	5.7	3.7	1.5
225.0	79.78	75.15	84.41	5.8	3.9	1.5
230.0	74.05	69.70	78.40	5.9	4.0	1.5
235.0	68.83	64.74	72.93	5.9	4.1	1.4
240.0	64.08	60.22	67.93	6.0	4.2	1.4
245.0	59.73	56.09	63.36	6.1	4.4	1.4
250.0	55.75	52.32	59.18	6.2	4.5	1.4
255.0	52.11	48.87	55.35	6.2	4.6	1.3
260.0	48.76	45.70	51.83	6.3	4.8	1.3
265.0	45.69	42.79	48.59	6.3	4.9	1.3
270.0	42.87	40.12	45.61	6.4	5.1	1.3
275.0	40.26	37.66	42.87	6.5	5.2	1.2
280.0	37.86	35.39	40.34	6.5	5.4	1.2
285.0	35.64	33.29	38.00	6.6	5.5	1.2
290.0	33.59	31.36	35.83	6.7	5.7	1.2
295.0	31.70	29.57	33.82	6.7	5.8	1.2
300.0	29.94	27.91	31.96	6.8	6.0	1.1

B57541G0103G000						
R/T No.	8407					
T (°C)	$B_{0/100} = 3450 \text{ K}$, $R_{25} = 10000 \text{ } \Omega$, $T_R = 25 \text{ } ^\circ\text{C}$, $\Delta R_R/R_R = \pm 2\%$					
	$R_{nom}[\Omega]$	$R_{min}[\Omega]$	$R_{max}[\Omega]$	$\Delta R_R/R_R[\pm\%]$	$\Delta T[\pm^\circ\text{C}]$	$\alpha (\%/K)$
-55.0	519910	486530	553300	6.4	1.0	6.4
-50.0	379890	356930	402860	6.0	1.0	6.2
-45.0	280700	264740	296660	5.7	1.0	5.9
-40.0	209600	198400	220800	5.3	0.9	5.7
-35.0	158090	150160	166020	5.0	0.9	5.5
-30.0	120370	114710	126040	4.7	0.9	5.4
-25.0	92484	88409	96559	4.4	0.8	5.2
-20.0	71668	68716	74621	4.1	0.8	5.0
-15.0	55993	53839	58146	3.8	0.8	4.9
-10.0	44087	42508	45666	3.6	0.8	4.7
-5.0	34971	33806	36135	3.3	0.7	4.6
0.0	27936	27074	28798	3.1	0.7	4.4
5.0	22468	21827	23109	2.9	0.7	4.3
10.0	18187	17709	18665	2.6	0.6	4.2
15.0	14813	14456	15170	2.4	0.6	4.0
20.0	12136	11869	12404	2.2	0.6	3.9
25.0	10000	9800	10200	2.0	0.5	3.8

B57541G0103G000						
R/T No.	8407					
T (°C)	B _{0/100} = 3450 K, R ₂₅ = 10000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 2%					
	R _{noml} [Ω]	R _{minl} [Ω]	R _{maxl} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
30.0	8284	8103	8466	2.2	0.6	3.7
35.0	6899	6735	7064	2.4	0.7	3.6
40.0	5774	5626	5922	2.6	0.7	3.5
45.0	4856	4723	4989	2.7	0.8	3.4
50.0	4103	3983	4222	2.9	0.9	3.3
55.0	3482	3374	3589	3.1	1.0	3.2
60.0	2967	2871	3064	3.2	1.0	3.2
65.0	2539	2453	2626	3.4	1.1	3.1
70.0	2182	2104	2259	3.6	1.2	3.0
75.0	1882	1812	1951	3.7	1.3	2.9
80.0	1629	1566	1692	3.9	1.4	2.8
85.0	1415	1358	1472	4.0	1.4	2.8
90.0	1234	1183	1285	4.1	1.5	2.7
95.0	1079	1033	1125	4.3	1.6	2.6
100.0	946.6	904.9	988.2	4.4	1.7	2.6
105.0	833.1	795.4	870.9	4.5	1.8	2.5
110.0	735.5	701.3	769.7	4.7	1.9	2.5
115.0	651.1	620.1	682.2	4.8	2.0	2.4
120.0	578.1	549.8	606.4	4.9	2.1	2.4
125.0	514.6	488.9	540.4	5.0	2.2	2.3
130.0	459.4	435.8	482.9	5.1	2.3	2.2
135.0	411.1	389.6	432.6	5.2	2.4	2.2
140.0	368.8	349.1	388.4	5.3	2.5	2.1
145.0	331.6	313.5	349.6	5.4	2.6	2.1
150.0	298.9	282.3	315.4	5.5	2.7	2.1
155.0	270.0	254.7	285.2	5.6	2.8	2.0
160.0	244.4	230.4	258.5	5.7	2.9	2.0
165.0	221.7	208.8	234.7	5.8	3.0	1.9
170.0	201.6	189.6	213.6	5.9	3.1	1.9
175.0	183.6	172.6	194.7	6.0	3.3	1.8
180.0	167.6	157.4	177.9	6.1	3.4	1.8
185.0	153.3	143.8	162.8	6.2	3.5	1.8
190.0	140.4	131.6	149.3	6.3	3.6	1.7
195.0	128.9	120.7	137.1	6.4	3.8	1.7
200.0	118.5	110.8	126.1	6.5	3.9	1.7
205.0	109.1	102.0	116.3	6.5	4.0	1.6
210.0	100.7	94.00	107.3	6.6	4.1	1.6
215.0	93.01	86.78	99.24	6.7	4.3	1.6
220.0	86.08	80.24	91.91	6.8	4.4	1.5
225.0	79.78	74.31	85.24	6.9	4.6	1.5

B57541G0103G000						
R/T No.	8407					
T (°C)	B _{0/100} = 3450 K, R ₂₅ = 10000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 2%					
	R _{nom} [Ω]	R _{min} [Ω]	R _{max} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
230.0	74.05	68.92	79.18	6.9	4.7	1.5
235.0	68.83	64.02	73.65	7.0	4.8	1.4
240.0	64.08	59.55	68.60	7.1	5.0	1.4
245.0	59.73	55.47	63.99	7.1	5.1	1.4
250.0	55.75	51.73	59.77	7.2	5.3	1.4

B57550G0103H000						
R/T No.	8407					
T (°C)	B _{0/100} = 3450 K, R ₂₅ = 10000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 3%					
	R _{nom} [Ω]	R _{min} [Ω]	R _{max} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
-55.0	519910	481100	558720	7.5	1.2	6.4
-50.0	379890	352980	406810	7.1	1.1	6.2
-45.0	280700	261830	299570	6.7	1.1	5.9
-40.0	209600	196240	222970	6.4	1.1	5.7
-35.0	158090	148530	167650	6.0	1.1	5.5
-30.0	120370	113470	127270	5.7	1.1	5.4
-25.0	92484	87462	97505	5.4	1.0	5.2
-20.0	71668	67984	75352	5.1	1.0	5.0
-15.0	55993	53269	58716	4.9	1.0	4.9
-10.0	44087	42060	46114	4.6	1.0	4.7
-5.0	34971	33452	36489	4.3	1.0	4.6
0.0	27936	26792	29081	4.1	0.9	4.4
5.0	22468	21601	23335	3.9	0.9	4.3
10.0	18187	17526	18848	3.6	0.9	4.2
15.0	14813	14307	15319	3.4	0.8	4.0
20.0	12136	11748	12525	3.2	0.8	3.9
25.0	10000	9700	10300	3.0	0.8	3.8
30.0	8284	8020	8549	3.2	0.9	3.7
35.0	6899	6665	7133	3.4	0.9	3.6
40.0	5774	5568	5980	3.6	1.0	3.5
45.0	4856	4674	5038	3.8	1.1	3.4
50.0	4103	3942	4264	3.9	1.2	3.3
55.0	3482	3339	3624	4.1	1.3	3.2
60.0	2967	2841	3094	4.3	1.3	3.2
65.0	2539	2427	2652	4.4	1.4	3.1
70.0	2182	2082	2282	4.6	1.5	3.0
75.0	1882	1793	1971	4.7	1.6	2.9
80.0	1629	1549	1708	4.9	1.7	2.8
85.0	1415	1344	1486	5.0	1.8	2.8

B57550G0103H000						
R/T No.	8407					
T (°C)	B _{0/100} = 3450 K, R ₂₅ = 10000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 3%					
	R _{nomL} [Ω]	R _{minL} [Ω]	R _{maxL} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
90.0	1234	1170	1297	5.2	1.9	2.7
95.0	1079	1022	1136	5.3	2.0	2.6
100.0	946.6	895.3	997.9	5.4	2.1	2.6
105.0	833.1	786.9	879.4	5.6	2.2	2.5
110.0	735.5	693.7	777.2	5.7	2.3	2.5
115.0	651.1	613.4	688.9	5.8	2.4	2.4
120.0	578.1	543.9	612.3	5.9	2.5	2.4
125.0	514.6	483.6	545.7	6.0	2.6	2.3
130.0	459.4	431.1	487.6	6.2	2.7	2.2
135.0	411.1	385.3	436.8	6.3	2.9	2.2
140.0	368.8	345.3	392.2	6.4	3.0	2.1
145.0	331.6	310.1	353.1	6.5	3.1	2.1
150.0	298.9	279.2	318.5	6.6	3.2	2.1
155.0	270.0	251.9	288.0	6.7	3.3	2.0
160.0	244.4	227.8	261.0	6.8	3.4	2.0
165.0	221.7	206.5	237.0	6.9	3.6	1.9
170.0	201.6	187.5	215.7	7.0	3.7	1.9
175.0	183.6	170.7	196.6	7.1	3.8	1.8
180.0	167.6	155.6	179.6	7.2	4.0	1.8
185.0	153.3	142.2	164.4	7.2	4.1	1.8
190.0	140.4	130.1	150.7	7.3	4.2	1.7
195.0	128.9	119.3	138.4	7.4	4.4	1.7
200.0	118.5	109.6	127.4	7.5	4.5	1.7
205.0	109.1	100.8	117.4	7.6	4.7	1.6
210.0	100.7	92.95	108.4	7.7	4.8	1.6
215.0	93.01	85.81	100.2	7.7	4.9	1.6
220.0	86.08	79.34	92.81	7.8	5.1	1.5
225.0	79.78	73.48	86.08	7.9	5.2	1.5
230.0	74.05	68.15	79.95	8.0	5.4	1.5
235.0	68.83	63.30	74.37	8.0	5.6	1.4
240.0	64.08	58.87	69.28	8.1	5.7	1.4
245.0	59.73	54.84	64.62	8.2	5.9	1.4
250.0	55.75	51.15	60.35	8.3	6.0	1.4
255.0	52.11	47.77	56.44	8.3	6.2	1.3
260.0	48.76	44.67	52.85	8.4	6.4	1.3
265.0	45.69	41.83	49.56	8.5	6.6	1.3
270.0	42.87	39.21	46.52	8.5	6.7	1.3
275.0	40.26	36.81	43.72	8.6	6.9	1.2
280.0	37.86	34.59	41.13	8.6	7.1	1.2
285.0	35.64	32.54	38.75	8.7	7.3	1.2

B57550G0103H000						
R/T No.	8407					
T (°C)	B _{0/100} = 3450 K, R ₂₅ = 10000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 3%					
	R _{nom} [Ω]	R _{min} [Ω]	R _{max} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
290.0	33.59	30.65	36.54	8.8	7.5	1.2
295.0	31.70	28.90	34.49	8.8	7.7	1.2
300.0	29.94	27.28	32.60	8.9	7.8	1.1

B57550G0103J000						
R/T No.	8407					
T (°C)	B _{0/100} = 3450 K, R ₂₅ = 10000 Ω, T _R = 25 °C, ΔR _R /R _R = ± 5%					
	R _{nom} [Ω]	R _{min} [Ω]	R _{max} [Ω]	ΔR _R /R _R [±%]	ΔT[±°C]	α (%/K)
-55.0	519910	470250	569570	9.6	1.5	6.4
-50.0	379890	345080	414710	9.2	1.5	6.2
-45.0	280700	256010	305380	8.8	1.5	5.9
-40.0	209600	191910	227300	8.4	1.5	5.7
-35.0	158090	145270	170900	8.1	1.5	5.5
-30.0	120370	111000	129740	7.8	1.5	5.4
-25.0	92484	85569	99399	7.5	1.4	5.2
-20.0	71668	66521	76816	7.2	1.4	5.0
-15.0	55993	52129	59856	6.9	1.4	4.9
-10.0	44087	41164	47009	6.6	1.4	4.7
-5.0	34971	32744	37198	6.4	1.4	4.6
0.0	27936	26227	29645	6.1	1.4	4.4
5.0	22468	21147	23788	5.9	1.4	4.3
10.0	18187	17160	19214	5.6	1.4	4.2
15.0	14813	14010	15616	5.4	1.3	4.0
20.0	12136	11504	12768	5.2	1.3	3.9
25.0	10000	9500	10500	5.0	1.3	3.8
30.0	8284	7854	8715	5.2	1.4	3.7
35.0	6899	6527	7271	5.4	1.5	3.6
40.0	5774	5452	6097	5.6	1.6	3.5
45.0	4856	4576	5136	5.8	1.7	3.4
50.0	4103	3859	4347	5.9	1.8	3.3
55.0	3482	3269	3695	6.1	1.9	3.2
60.0	2967	2781	3154	6.3	2.0	3.2
65.0	2539	2376	2703	6.4	2.1	3.1
70.0	2182	2038	2326	6.6	2.2	3.0
75.0	1882	1754	2009	6.8	2.3	2.9
80.0	1629	1516	1741	6.9	2.4	2.8
85.0	1415	1315	1515	7.1	2.5	2.8
90.0	1234	1145	1322	7.2	2.7	2.7
95.0	1079	999.7	1158	7.3	2.8	2.6