

Approval Sheet

Manufacturer:

Customer:

汎翊國際有限公司

Approved By:	Checked By:	Prepared By :

Approved By:	Examined By:	Tested By :

Company Stamp	
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Company Stamp	
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Approval No. : A616-095

Product : NTC THERMISTOR

Part No : ESGS103H3435F-2532-H1.7

Specifications : R25 10,000 Ω $\pm$ 3 %

B25/85 3435 K $\pm$ 1 %

Date : 2022/02/24

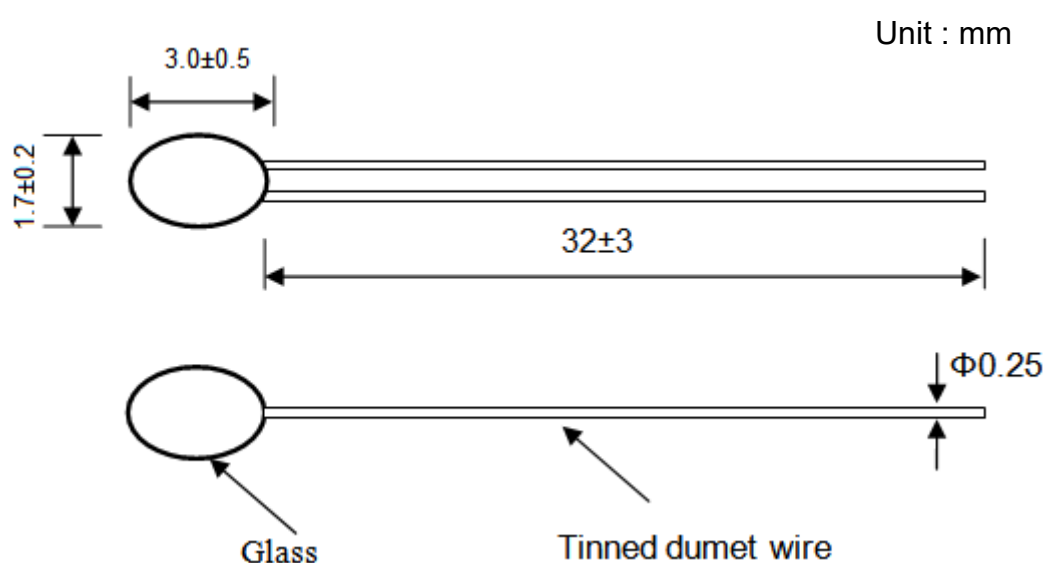
FLYiNG 汎翊國際有限公司
www.flying1688.com

◆ **PART NO. :** ESGS103H3435F-2532-H1.7

◆ **FEATURES**

- Low cost
- High stability
- Glass sealed body for high reliability

◆ **SHAPE & DIMENSIONS**



No.	Part Name	Materials	Remark
1	NTC Thermistor	Metal Oxide	---
2	Coating	Glass	---
3	Lead Wire	Dumet Wire	Ø 0.25 mm

◆ **ELECTRICAL CHARACTERISTICS**

Style	Symbol	Condition	Specification
Resistance at Ta	R	Ta = 25 °C	10 K Ω ± 3 %
B Constant	B	25 °C / 85 °C	3435 K ± 1 %
Thermal Time Constant	C	In still air	12 sec
Thermal Dissipation Constant	T	In still air	1.0 mW/°C
Operating Temp. Range	--	--	-40 °C ~ 250 °C

◆ RELIABILITY TEST

Performance	Test Method	$\Delta R_{25} / R_{25}$
Humidity	40°C ± 2 , 95 % RH x 1000 hours	Max.± 3%
Thermal shock	(- 40°Cx10min → 200°Cx10min) x 100 times	Max.± 3%
High temperature storage	250 ± 5 °C x 1000 hours	Max.± 3%
Low temperature storage	- 40 ± 5 °C x 1000 hours	Max.± 3%
Insulation	Insulation resistance over by DC 500 V	Over 50 MΩ

◆ STORAGE CONDITIONS

1. Storage Temperature : - 10 °C ~ + 40 °C.
2. Relative humidity : 30 ~ 75 % RH.
3. Thermistor must be kept away from sunshine and stored in a non-corrosive atmosphere.
4. Period of Storage : 1 year.

◆ ORDERING INFORMATION

ES GS 103 H 3435 F - 25 32 - H1.7
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

1. E WAY Sensor.
2. Glass Sealed Type Thermistor.
3. Resistance at 25 °C : 103 = 10 x 10³ = 10,000 (Ω).
4. Tolerance of R : F:±1% ; G:±2% ; H:±3% ; J:±5% ; K:±10%.
5. B value (K).
6. Tolerance of B : F:±1% ; G:±2% ; H:±3% ; J:±5%.
7. Lead Diameter : 25 = Ø 0.25 mm.
8. Length (Wire) : 32 = 32 mm.
9. H1.7 = Glass width

Resistance-Temperature CharacteristicsPart No. : **ESGS103H3435F-2532-H1.7**

R25 :	10,000	Ω	$\pm$	3%
B25/85 :	3435	K	$\pm$	1%

Temperature (°C)	Resistance (Ω)			Temp. Coef. (%/°C)	Resist. Tol. (%)		Temp. Tol. (°C)	
	MIN.	CENTER	MAX.		MIN.	MAX.	MIN.	MAX.
-40	190389	202269	214697	-5.95	-5.87	6.14	-1.03	0.99
-39	179945	191064	202688	-5.89	-5.82	6.08	-1.03	0.99
-38	170143	180555	191431	-5.84	-5.77	6.02	-1.03	0.99
-37	160941	170694	180875	-5.79	-5.71	5.96	-1.03	0.99
-36	152300	161439	170972	-5.74	-5.66	5.91	-1.03	0.99
-35	144180	152747	161678	-5.69	-5.61	5.85	-1.03	0.98
-34	136547	144581	152950	-5.65	-5.56	5.79	-1.03	0.98
-33	129368	136905	144751	-5.60	-5.51	5.73	-1.02	0.98
-32	122615	129688	137046	-5.55	-5.45	5.67	-1.02	0.98
-31	116258	122899	129802	-5.51	-5.40	5.62	-1.02	0.98
-30	110273	116509	122987	-5.46	-5.35	5.56	-1.02	0.98
-29	104634	110493	116575	-5.42	-5.30	5.50	-1.02	0.98
-28	99321	104827	110539	-5.38	-5.25	5.45	-1.01	0.98
-27	94312	99488	104854	-5.33	-5.20	5.39	-1.01	0.98
-26	89588	94456	99499	-5.29	-5.15	5.34	-1.01	0.97
-25	85130	89710	94451	-5.25	-5.11	5.28	-1.01	0.97
-24	80923	85233	89691	-5.21	-5.06	5.23	-1.00	0.97
-23	76951	81008	85202	-5.17	-5.01	5.18	-1.00	0.97
-22	73199	77019	80966	-5.13	-4.96	5.12	-1.00	0.97
-21	69654	73252	76967	-5.09	-4.91	5.07	-1.00	0.97
-20	66302	69693	73191	-5.05	-4.87	5.02	-0.99	0.96
-19	63133	66329	69624	-5.01	-4.82	4.97	-0.99	0.96
-18	60136	63149	66253	-4.98	-4.77	4.92	-0.99	0.96
-17	57299	60140	63066	-4.94	-4.72	4.86	-0.98	0.96
-16	54613	57294	60052	-4.90	-4.68	4.81	-0.98	0.95
-15	52071	54600	57201	-4.87	-4.63	4.76	-0.98	0.95
-14	49662	52049	54502	-4.83	-4.59	4.71	-0.98	0.95
-13	47379	49633	51948	-4.80	-4.54	4.66	-0.97	0.95
-12	45215	47344	49528	-4.76	-4.50	4.61	-0.97	0.94
-11	43163	45174	47236	-4.73	-4.45	4.56	-0.97	0.94
-10	41217	43117	45064	-4.70	-4.41	4.52	-0.96	0.94
-9	39370	41166	43005	-4.66	-4.36	4.47	-0.96	0.94
-8	37617	39315	41053	-4.63	-4.32	4.42	-0.95	0.93
-7	35953	37559	39201	-4.60	-4.28	4.37	-0.95	0.93
-6	34372	35891	37443	-4.57	-4.23	4.32	-0.95	0.93
-5	32870	34307	35775	-4.54	-4.19	4.28	-0.94	0.92
-4	31443	32803	34191	-4.50	-4.15	4.23	-0.94	0.92
-3	30086	31373	32686	-4.47	-4.10	4.18	-0.94	0.92
-2	28796	30015	31257	-4.44	-4.06	4.14	-0.93	0.91
-1	27569	28723	29898	-4.41	-4.02	4.09	-0.93	0.91
0	26401	27494	28607	-4.38	-3.98	4.05	-0.92	0.91

Resistance-Temperature CharacteristicsPart No. : **ESGS103H3435F-2532-H1.7**

R25 :	10,000	Ω	$\pm$	3%
B25/85 :	3435	K	$\pm$	1%

Temperature (°C)	Resistance (Ω)			Temp. Coef. (%/°C)	Resist. Tol. (%)		Temp. Tol. (°C)	
	MIN.	CENTER	MAX.		MIN.	MAX.	MIN.	MAX.
1	25289	26325	27378	-4.36	-3.93	4.00	-0.92	0.90
2	24231	25212	26210	-4.33	-3.89	3.96	-0.91	0.90
3	23223	24153	25098	-4.30	-3.85	3.91	-0.91	0.90
4	22262	23144	24039	-4.27	-3.81	3.87	-0.91	0.89
5	21348	22184	23032	-4.24	-3.77	3.82	-0.90	0.89
6	20475	21268	22072	-4.22	-3.73	3.78	-0.90	0.88
7	19644	20396	21158	-4.19	-3.69	3.74	-0.89	0.88
8	18850	19564	20287	-4.16	-3.65	3.69	-0.89	0.88
9	18094	18771	19456	-4.14	-3.61	3.65	-0.88	0.87
10	17372	18015	18665	-4.11	-3.57	3.61	-0.88	0.87
11	16684	17294	17911	-4.09	-3.53	3.57	-0.87	0.86
12	16025	16605	17190	-4.06	-3.49	3.52	-0.87	0.86
13	15398	15948	16503	-4.04	-3.45	3.48	-0.86	0.86
14	14797	15320	15847	-4.01	-3.41	3.44	-0.86	0.85
15	14223	14720	15220	-3.99	-3.37	3.40	-0.85	0.85
16	13676	14148	14623	-3.96	-3.34	3.36	-0.85	0.84
17	13151	13600	14051	-3.94	-3.30	3.32	-0.84	0.84
18	12651	13077	13505	-3.92	-3.26	3.28	-0.84	0.83
19	12172	12577	12984	-3.89	-3.22	3.24	-0.83	0.83
20	11714	12099	12486	-3.87	-3.18	3.20	-0.83	0.82
21	11275	11641	12008	-3.85	-3.15	3.16	-0.82	0.82
22	10856	11204	11553	-3.82	-3.11	3.12	-0.82	0.81
23	10454	10785	11117	-3.80	-3.07	3.08	-0.81	0.81
24	10069	10384	10700	-3.78	-3.04	3.04	-0.80	0.80
25	9700	10000	10300	-3.76	-3.00	3.00	-0.80	0.80
26	9340	9632	9925	-3.74	-3.04	3.04	-0.81	0.81
27	8995	9280	9566	-3.71	-3.07	3.08	-0.83	0.83
28	8665	8943	9222	-3.69	-3.11	3.12	-0.84	0.84
29	8349	8620	8892	-3.67	-3.14	3.15	-0.86	0.86
30	8046	8310	8575	-3.65	-3.18	3.19	-0.87	0.87
31	7754	8012	8271	-3.63	-3.21	3.23	-0.89	0.89
32	7477	7728	7980	-3.61	-3.25	3.27	-0.90	0.90
33	7209	7454	7700	-3.59	-3.28	3.30	-0.92	0.91
34	6953	7192	7432	-3.57	-3.32	3.34	-0.94	0.93
35	6707	6940	7174	-3.55	-3.35	3.38	-0.95	0.94
36	6472	6699	6928	-3.53	-3.39	3.41	-0.97	0.96
37	6246	6467	6690	-3.51	-3.42	3.45	-0.98	0.97
38	6028	6244	6462	-3.49	-3.46	3.49	-1.00	0.99
39	5820	6030	6242	-3.47	-3.49	3.52	-1.01	1.00
40	5620	5825	6032	-3.46	-3.52	3.56	-1.03	1.02
41	5428	5628	5830	-3.44	-3.56	3.59	-1.05	1.03

Resistance-Temperature CharacteristicsPart No. : **ESGS103H3435F-2532-H1.7**

R25 :	10,000	Ω	$\pm$	3%
B25/85 :	3435	K	$\pm$	1%

Temperature (°C)	Resistance (Ω)			Temp. Coef. (%/°C)	Resist. Tol. (%)		Temp. Tol. (°C)	
	MIN.	CENTER	MAX.		MIN.	MAX.	MIN.	MAX.
42	5243	5438	5635	-3.42	-3.59	3.63	-1.06	1.05
43	5066	5256	5449	-3.40	-3.62	3.66	-1.08	1.07
44	4894	5080	5268	-3.38	-3.65	3.70	-1.09	1.08
45	4731	4912	5095	-3.36	-3.69	3.73	-1.11	1.10
46	4573	4750	4929	-3.35	-3.72	3.77	-1.13	1.11
47	4422	4594	4769	-3.33	-3.75	3.80	-1.14	1.13
48	4276	4444	4615	-3.31	-3.78	3.84	-1.16	1.14
49	4136	4300	4467	-3.29	-3.82	3.87	-1.18	1.16
50	4001	4161	4324	-3.28	-3.85	3.91	-1.19	1.17
51	3871	4027	4186	-3.26	-3.88	3.94	-1.21	1.19
52	3746	3898	4053	-3.24	-3.91	3.97	-1.23	1.21
53	3625	3774	3925	-3.23	-3.94	4.01	-1.24	1.22
54	3509	3654	3802	-3.21	-3.97	4.04	-1.26	1.24
55	3397	3539	3683	-3.19	-4.00	4.08	-1.28	1.25
56	3290	3428	3569	-3.18	-4.03	4.11	-1.29	1.27
57	3187	3322	3460	-3.16	-4.06	4.14	-1.31	1.28
58	3087	3219	3353	-3.15	-4.09	4.17	-1.33	1.30
59	2990	3119	3250	-3.13	-4.12	4.21	-1.34	1.32
60	2897	3023	3151	-3.12	-4.15	4.24	-1.36	1.33
61	2808	2931	3056	-3.10	-4.18	4.27	-1.38	1.35
62	2722	2842	2964	-3.08	-4.21	4.30	-1.40	1.37
63	2639	2756	2876	-3.07	-4.24	4.34	-1.41	1.38
64	2559	2673	2790	-3.05	-4.27	4.37	-1.43	1.40
65	2481	2593	2707	-3.04	-4.30	4.40	-1.45	1.41
66	2407	2516	2627	-3.02	-4.33	4.43	-1.46	1.43
67	2335	2441	2550	-3.01	-4.36	4.46	-1.48	1.45
68	2265	2369	2475	-3.00	-4.39	4.49	-1.50	1.46
69	2197	2299	2403	-2.98	-4.42	4.53	-1.52	1.48
70	2133	2232	2334	-2.97	-4.44	4.56	-1.54	1.50
71	2070	2167	2266	-2.95	-4.47	4.59	-1.55	1.51
72	2010	2105	2202	-2.94	-4.50	4.62	-1.57	1.53
73	1951	2044	2139	-2.92	-4.53	4.65	-1.59	1.55
74	1895	1985	2078	-2.91	-4.56	4.68	-1.61	1.57
75	1841	1929	2020	-2.90	-4.58	4.71	-1.63	1.58
76	1788	1874	1963	-2.88	-4.61	4.74	-1.64	1.60
77	1737	1821	1908	-2.87	-4.64	4.77	-1.66	1.62
78	1687	1770	1855	-2.86	-4.67	4.80	-1.68	1.63
79	1639	1720	1803	-2.84	-4.69	4.83	-1.70	1.65
80	1594	1673	1754	-2.83	-4.72	4.86	-1.72	1.67
81	1549	1626	1705	-2.82	-4.75	4.89	-1.74	1.68
82	1506	1581	1659	-2.80	-4.77	4.92	-1.75	1.70

Resistance-Temperature CharacteristicsPart No. : **ESGS103H3435F-2532-H1.7**

R25 :	10,000	Ω	$\pm$	3%
B25/85 :	3435	K	$\pm$	1%

Temperature (°C)	Resistance (Ω)			Temp. Coef. (%/°C)	Resist. Tol. (%)		Temp. Tol. (°C)	
	MIN.	CENTER	MAX.		MIN.	MAX.	MIN.	MAX.
83	1464	1538	1614	-2.79	-4.80	4.95	-1.77	1.72
84	1424	1496	1570	-2.78	-4.83	4.98	-1.79	1.74
85	1384	1455	1528	-2.77	-4.85	5.00	-1.81	1.75
86	1347	1416	1487	-2.75	-4.88	5.03	-1.83	1.77
87	1310	1378	1448	-2.74	-4.90	5.06	-1.85	1.79
88	1275	1341	1409	-2.73	-4.93	5.09	-1.87	1.81
89	1240	1305	1372	-2.72	-4.96	5.12	-1.88	1.82
90	1207	1270	1335	-2.70	-4.98	5.15	-1.90	1.84
91	1175	1237	1301	-2.69	-5.01	5.18	-1.92	1.86
92	1143	1204	1267	-2.68	-5.03	5.20	-1.94	1.88
93	1114	1173	1234	-2.67	-5.06	5.23	-1.96	1.90
94	1084	1142	1202	-2.66	-5.08	5.26	-1.98	1.91
95	1056	1113	1172	-2.64	-5.11	5.29	-2.00	1.93
96	1028	1084	1142	-2.63	-5.13	5.31	-2.02	1.95
97	1002	1056	1112	-2.62	-5.16	5.34	-2.04	1.97
98	976	1029	1084	-2.61	-5.18	5.37	-2.06	1.99
99	951	1003	1057	-2.60	-5.21	5.40	-2.08	2.00
100	926	977	1030	-2.59	-5.23	5.42	-2.10	2.02
101	903	953	1005	-2.58	-5.25	5.45	-2.12	2.04
102	880	929	980	-2.56	-5.28	5.48	-2.14	2.06
103	858	906	956	-2.55	-5.30	5.50	-2.15	2.08
104	836	883	932	-2.54	-5.33	5.53	-2.17	2.09
105	815	861	909	-2.53	-5.35	5.56	-2.19	2.11
106	795	840	887	-2.52	-5.37	5.58	-2.21	2.13
107	775	819	865	-2.51	-5.40	5.61	-2.23	2.15
108	756	799	844	-2.50	-5.42	5.64	-2.25	2.17
109	738	780	824	-2.49	-5.44	5.66	-2.27	2.19
110	719	761	804	-2.48	-5.47	5.69	-2.29	2.21
111	702	743	785	-2.47	-5.49	5.71	-2.31	2.22
112	685	725	767	-2.46	-5.51	5.74	-2.33	2.24
113	668	707	748	-2.45	-5.54	5.77	-2.36	2.26
114	653	691	731	-2.44	-5.56	5.79	-2.38	2.28
115	636	674	713	-2.43	-5.58	5.82	-2.40	2.30
116	621	658	696	-2.42	-5.60	5.84	-2.42	2.32
117	607	643	681	-2.41	-5.63	5.87	-2.44	2.34
118	593	628	665	-2.40	-5.65	5.89	-2.46	2.36
119	578	613	649	-2.39	-5.67	5.92	-2.48	2.38
120	565	599	635	-2.38	-5.69	5.94	-2.50	2.39
121	552	585	620	-2.37	-5.71	5.97	-2.52	2.41
122	539	572	606	-2.36	-5.74	5.99	-2.54	2.43
123	527	559	593	-2.35	-5.76	6.01	-2.56	2.45

Resistance-Temperature CharacteristicsPart No. : **ESGS103H3435F-2532-H1.7**

R25 :	10,000	Ω	$\pm$	3%
B25/85 :	3435	K	$\pm$	1%

Temperature (°C)	Resistance (Ω)			Temp. Coef. (%/°C)	Resist. Tol. (%)		Temp. Tol. (°C)	
	MIN.	CENTER	MAX.		MIN.	MAX.	MIN.	MAX.
124	514	546	579	-2.34	-5.78	6.04	-2.58	2.47
125	503	534	566	-2.33	-5.80	6.06	-2.60	2.49
126	492	522	554	-2.32	-5.82	6.09	-2.62	2.51
127	480	510	541	-2.31	-5.84	6.11	-2.65	2.53
128	469	498	529	-2.30	-5.87	6.14	-2.67	2.55
129	458	487	517	-2.29	-5.89	6.16	-2.69	2.57
130	449	477	506	-2.28	-5.91	6.18	-2.71	2.59
131	438	466	495	-2.27	-5.93	6.21	-2.73	2.61
132	429	456	484	-2.26	-5.95	6.23	-2.75	2.63
133	419	446	474	-2.26	-5.97	6.25	-2.77	2.65
134	410	436	463	-2.25	-5.99	6.28	-2.79	2.67
135	401	427	454	-2.24	-6.01	6.30	-2.82	2.69
136	392	417	443	-2.23	-6.03	6.33	-2.84	2.71
137	383	408	434	-2.22	-6.05	6.35	-2.86	2.73
138	376	400	425	-2.21	-6.07	6.37	-2.88	2.75
139	367	391	416	-2.20	-6.09	6.39	-2.90	2.77
140	360	383	408	-2.19	-6.11	6.42	-2.92	2.79
141	352	375	399	-2.19	-6.13	6.44	-2.95	2.81
142	344	367	391	-2.18	-6.15	6.46	-2.97	2.83
143	337	359	382	-2.17	-6.17	6.48	-2.99	2.85
144	330	352	375	-2.16	-6.19	6.51	-3.01	2.87
145	323	344	366	-2.15	-6.21	6.53	-3.03	2.89
146	316	337	359	-2.14	-6.23	6.55	-3.06	2.91
147	309	330	352	-2.14	-6.25	6.57	-3.08	2.93
148	304	324	345	-2.13	-6.27	6.59	-3.10	2.95
149	297	317	338	-2.12	-6.29	6.62	-3.12	2.97
150	290	310	331	-2.11	-6.31	6.64	-3.15	2.99
151	285	304	324	-2.10	-6.33	6.66	-3.17	3.01
152	279	298	318	-2.09	-6.35	6.68	-3.19	3.03
153	273	292	312	-2.09	-6.37	6.70	-3.21	3.05
154	268	286	305	-2.08	-6.39	6.73	-3.24	3.07
155	263	281	300	-2.07	-6.40	6.75	-3.26	3.09
156	257	275	294	-2.06	-6.42	6.77	-3.28	3.11
157	253	270	288	-2.06	-6.44	6.79	-3.30	3.13
158	247	264	282	-2.05	-6.46	6.81	-3.33	3.16
159	242	259	277	-2.04	-6.48	6.83	-3.35	3.18
160	237	254	271	-2.03	-6.50	6.85	-3.37	3.20
161	233	249	266	-2.02	-6.52	6.87	-3.40	3.22
162	228	244	261	-2.02	-6.54	6.90	-3.42	3.24
163	224	240	257	-2.01	-6.55	6.91	-3.44	3.26
164	220	235	251	-2.00	-6.57	6.94	-3.46	3.28

Resistance-Temperature CharacteristicsPart No. : **ESGS103H3435F-2532-H1.7**

R25 :	10,000	Ω	$\pm$	3%
B25/85 :	3435	K	$\pm$	1%

Temperature (°C)	Resistance (Ω)			Temp. Coef. (%/°C)	Resist. Tol. (%)		Temp. Tol. (°C)	
	MIN.	CENTER	MAX.		MIN.	MAX.	MIN.	MAX.
165	215	230	246	-2.00	-6.59	6.96	-3.49	3.30
166	211	226	242	-1.99	-6.61	6.98	-3.51	3.32
167	207	222	238	-1.98	-6.62	7.00	-3.53	3.34
168	204	218	233	-1.97	-6.64	7.02	-3.56	3.37
169	200	214	229	-1.97	-6.66	7.04	-3.58	3.39
170	196	210	225	-1.96	-6.68	7.06	-3.60	3.41
171	192	206	221	-1.95	-6.69	7.08	-3.63	3.43
172	188	202	216	-1.94	-6.71	7.10	-3.65	3.45
173	185	198	212	-1.94	-6.73	7.12	-3.68	3.47
174	181	194	208	-1.93	-6.75	7.14	-3.70	3.50
175	178	191	205	-1.92	-6.76	7.16	-3.72	3.52
176	174	187	200	-1.92	-6.78	7.18	-3.75	3.54
177	171	184	197	-1.91	-6.80	7.20	-3.77	3.56
178	169	181	194	-1.90	-6.81	7.22	-3.79	3.58
179	165	177	190	-1.90	-6.84	7.24	-3.82	3.61
180	162	174	187	-1.89	-6.85	7.26	-3.84	3.63
181	159	171	183	-1.88	-6.87	7.28	-3.87	3.65
182	156	168	180	-1.88	-6.88	7.30	-3.89	3.67
183	154	165	177	-1.87	-6.90	7.32	-3.91	3.69
184	151	162	174	-1.86	-6.92	7.34	-3.94	3.71
185	148	159	171	-1.86	-6.94	7.36	-3.96	3.74
186	146	157	169	-1.85	-6.95	7.37	-3.98	3.76
187	143	154	165	-1.84	-6.96	7.39	-4.01	3.78
188	140	151	162	-1.84	-6.98	7.41	-4.04	3.80
189	139	149	160	-1.83	-7.00	7.42	-4.06	3.82
190	136	146	157	-1.82	-7.01	7.45	-4.08	3.85
191	133	143	154	-1.82	-7.03	7.47	-4.11	3.87
192	131	141	152	-1.81	-7.05	7.48	-4.13	3.89
193	129	139	149	-1.80	-7.06	7.50	-4.16	3.91
194	126	136	146	-1.80	-7.08	7.52	-4.18	3.94
195	124	134	144	-1.79	-7.09	7.54	-4.21	3.96
196	123	132	142	-1.79	-7.11	7.56	-4.23	3.98
197	121	130	140	-1.78	-7.12	7.57	-4.25	4.00
198	118	127	137	-1.77	-7.14	7.60	-4.28	4.03
199	116	125	135	-1.77	-7.16	7.61	-4.31	4.05
200	114	123	132	-1.76	-7.17	7.63	-4.33	4.07
201	112	121	130	-1.76	-7.19	7.65	-4.36	4.10
202	110	119	128	-1.75	-7.20	7.67	-4.38	4.12
203	109	117	126	-1.74	-7.22	7.69	-4.41	4.14
204	107	115	124	-1.74	-7.24	7.70	-4.43	4.17
205	105	113	122	-1.73	-7.25	7.72	-4.46	4.19

Resistance-Temperature CharacteristicsPart No. : **ESGS103H3435F-2532-H1.7**

R25 :	10,000	Ω	±	3%
B25/85 :	3435	K	±	1%

Temperature (°C)	Resistance (Ω)			Temp. Coef. (%/°C)	Resist. Tol. (%)		Temp. Tol. (°C)	
	MIN.	CENTER	MAX.		MIN.	MAX.	MIN.	MAX.
206	104	112	121	-1.73	-7.26	7.73	-4.48	4.21
207	102	110	119	-1.72	-7.28	7.75	-4.51	4.23
208	100	108	116	-1.71	-7.29	7.77	-4.53	4.26
209	98	106	114	-1.71	-7.31	7.79	-4.56	4.28
210	97	105	113	-1.70	-7.32	7.80	-4.58	4.30
211	95	103	111	-1.70	-7.34	7.82	-4.61	4.33
212	94	101	109	-1.69	-7.36	7.84	-4.64	4.35
213	93	100	108	-1.69	-7.37	7.85	-4.66	4.37
214	91	98	106	-1.68	-7.38	7.88	-4.69	4.40
215	90	97	105	-1.67	-7.39	7.89	-4.71	4.42
216	88	95	103	-1.67	-7.41	7.91	-4.74	4.44
217	87	94	101	-1.66	-7.42	7.92	-4.76	4.46
218	85	92	99	-1.66	-7.44	7.94	-4.79	4.49
219	84	91	98	-1.65	-7.45	7.96	-4.82	4.51
220	83	90	97	-1.65	-7.46	7.97	-4.84	4.53
221	81	88	95	-1.64	-7.48	7.99	-4.87	4.56
222	80	87	94	-1.64	-7.49	8.00	-4.89	4.58
223	80	86	93	-1.63	-7.51	8.02	-4.92	4.60
224	78	84	91	-1.62	-7.53	8.04	-4.95	4.63
225	77	83	90	-1.62	-7.54	8.06	-4.97	4.65
226	76	82	89	-1.61	-7.55	8.07	-5.00	4.68
227	75	81	88	-1.61	-7.56	8.08	-5.02	4.70
228	73	79	85	-1.60	-7.58	8.11	-5.06	4.73
229	72	78	84	-1.60	-7.60	8.12	-5.08	4.75
230	71	77	83	-1.59	-7.61	8.14	-5.11	4.77
231	70	76	82	-1.59	-7.62	8.15	-5.13	4.80
232	69	75	81	-1.58	-7.63	8.16	-5.16	4.82
233	68	74	80	-1.58	-7.64	8.18	-5.18	4.84
234	67	73	79	-1.57	-7.66	8.19	-5.21	4.87
235	66	72	78	-1.57	-7.67	8.21	-5.24	4.89
236	66	71	77	-1.56	-7.68	8.22	-5.26	4.92
237	65	70	76	-1.56	-7.70	8.24	-5.29	4.94
238	64	69	75	-1.55	-7.71	8.26	-5.32	4.97
239	63	68	74	-1.55	-7.72	8.27	-5.34	4.99
240	62	67	73	-1.54	-7.74	8.29	-5.37	5.01
241	61	66	71	-1.54	-7.75	8.30	-5.40	5.04
242	60	65	70	-1.53	-7.76	8.32	-5.43	5.06
243	59	64	69	-1.53	-7.78	8.34	-5.46	5.09
244	58	63	68	-1.52	-7.79	8.35	-5.48	5.12
245	57	62	67	-1.52	-7.81	8.37	-5.51	5.14
246	56	61	66	-1.51	-7.82	8.39	-5.54	5.17



Resistance-Temperature Characteristics

Part No. : **ESGS103H3435F-2532-H1.7**

R25 :	10,000	Ω	$\pm$	3%
B25/85 :	3435	K	$\pm$	1%

Temperature (°C)	Resistance (Ω)			Temp. Coef. (%/°C)	Resist. Tol. (%)		Temp. Tol. (°C)	
	MIN.	CENTER	MAX.		MIN.	MAX.	MIN.	MAX.
247	56	61	66	-1.51	-7.82	8.39	-5.56	5.18
248	55	60	65	-1.50	-7.84	8.41	-5.59	5.21
249	54	59	64	-1.50	-7.85	8.42	-5.62	5.24
250	53	58	63	-1.49	-7.87	8.44	-5.65	5.26