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**SPECIFICATION FOR APPROVAL**

CUSTOMER	康舒
CERTIFIED	
MODEL/TYPE	DHT-103
PART NO.	DHT0A103F34D2SY(RoHS)
APPLICATION	
CUSTOMER P/N	
ISSUE DATE	May.27,2015
REV. NO.	
REV. DATE	
NET WEIGHT	0.00014kg

FOR CUSTOMER APPROVAL	CHECKED BY
	Jing Feng
	APPROVED BY
	Huairfang Zhang



API DCC



06/09 09:39:45

NTC Thermistor DHT Type
Part No.:DHT0A103F34D2SY

RELEASE

KS-Q90075-8821IT 01

101154朱天鵬 Roc Chu

REVISED RECORD SHEET

REV. NO	REV. DATE	REVISED CONTENT

API DCC



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NTC Thermistor DHT Type
Part No.:DHT0A103F34D2SY

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Part Number Code

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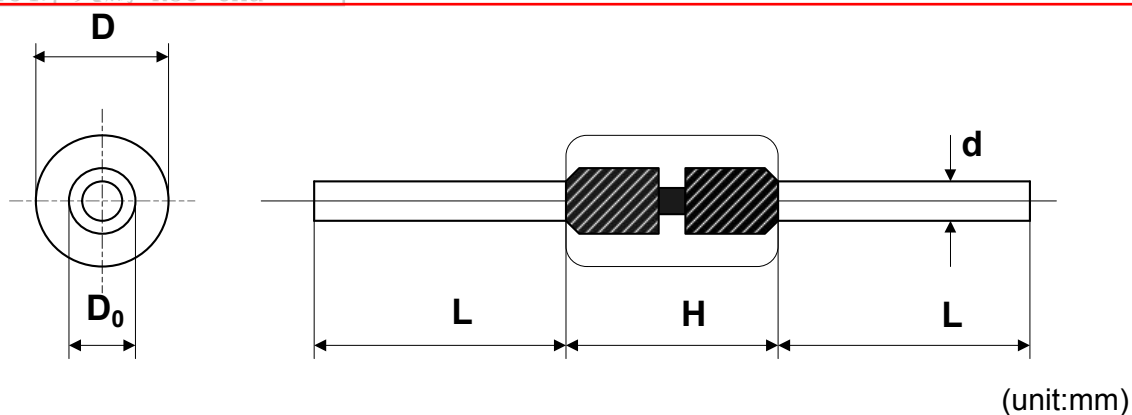
Example :

DHT 0 A 103 F 34D 2 S Y
 (1) (2) (3) (4) (5) (6) (7) (8) (9)

No.	Item	Digit	Specification
(1)	Product Type	DHT	Thinking NTC thermistor DHT type
(2)	Body Size	0	φ 2 mm x L4 mm (max.)
(3)	Definition of B Value	A	B _{25/85}
(4)	Zero Power Resistance at 25°C	103	$10 \times 10^3 \Omega = 10 \text{ K}\Omega$
(5)	Tolerance of R25	F	± 1%
(6)	B Value	34D	3435K
(7)	Tolerance of B Value	2	±2%
(8)	Appearance	S	Tin-plated CP wire
(9)	Optional Suffix	Y	RoHS compliance

Structure and Dimensions

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D max.	H max.	d	L	D0
2	4	0.5±0.02	28± 1	0.7 ~0.9

Electrical Characteristics

Part No.	Zero Power Resistance at 25°C	Tolerance of $R_{25^\circ\text{C}}$	$B_{25/85}$ Value	Tolerance of B Value	Max. Power Dissipation at 25°C	Dissipation Factor	Thermal Time Constant	Operating Temperature Range
	$R_{25^\circ\text{C}}$ (K Ω)	($\pm$ %)	(K)	($\pm$ %)	P_{max} (mW)	δ (mW/°C)	τ (sec.)	$T_L \sim T_U$ (°C)
DHT0A103F34D2SY	10	1	3435	2	120	≥ 2	≤ 10	-40 ~+200

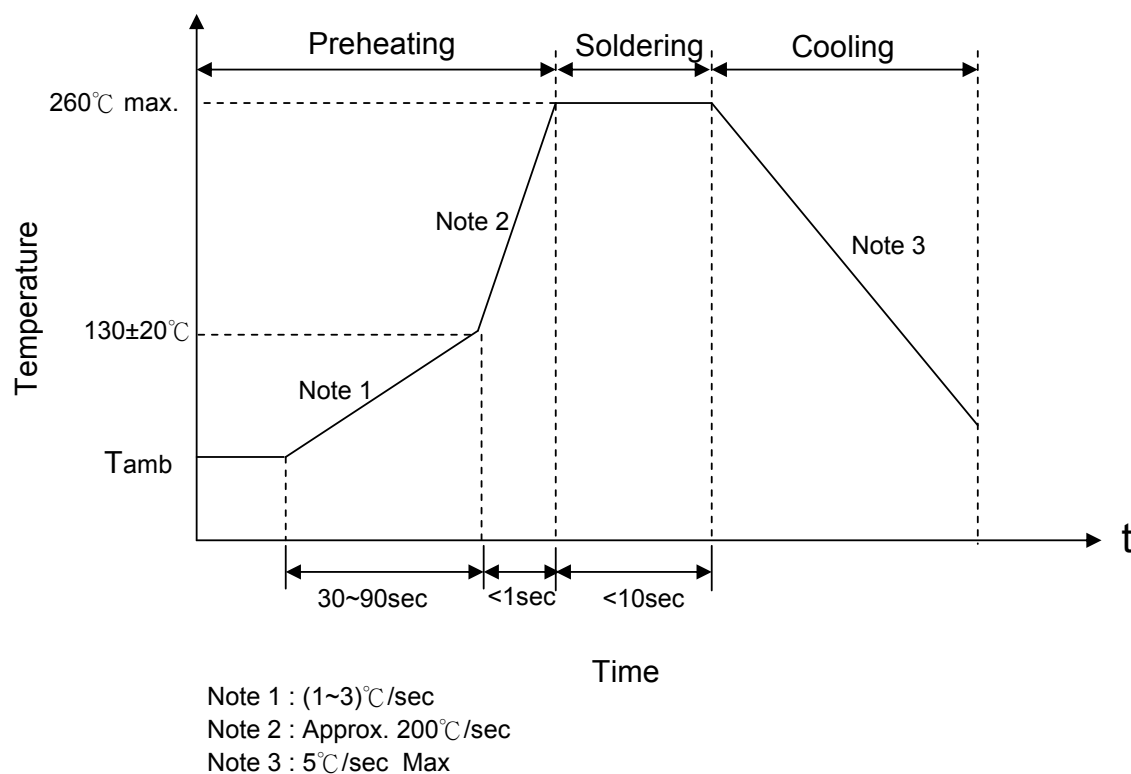
Item	Standard	Test conditions / Methods	Specifications															
Tensile Strength of Terminals	IEC60068-2-21	Gradually applying the force specified and keeping the unit fixed for 10±1 sec. Terminal diameter (mm) 0.3<d≤0.5 Force (Kg) 0.5	No visible damage															
Bending Strength of Terminals	IEC60068-2-21	Hold specimen and apply the force specified below to each lead. Bend the specimen to 90°, then return to the original position. Repeat the procedure in the opposite direction. Terminal diameter (mm) 0.3<d≤0.5 Force (Kg) 0.25	No visible damage															
Solderability	IEC60068-2-20	245 ± 3 °C , 3 ± 0.3 sec	At least 95% of terminal electrode is covered by new solder															
Resistance to Soldering Heat	IEC60068-2-20	260 ± 3 °C , 10 ± 1 sec	No visible damage ΔR ₂₅ /R ₂₅ ≤ 3 %															
High Temperature Storage	IEC60068-2-2	200 ± 5 °C , 1000 ± 24 hrs	No visible damage ΔR ₂₅ /R ₂₅ ≤ 5 %															
Damp Heat , Steady State	IEC 60068-2-78	40 ± 2 °C , 9 0 ~ 95 % RH , 1000 ± 24 hrs	No visible damage ΔR ₂₅ /R ₂₅ ≤ 3 %															
Rapid Change of Temperature	IEC60068-2-14	The conditions shown below shall be repeated 5 cycles <table><tr><th>Step</th><th>Temperature (°C)</th><th>Period (minutes)</th></tr><tr><td>1</td><td>-40 ± 5</td><td>30 ± 3</td></tr><tr><td>2</td><td>Room temperature</td><td>5 ± 3</td></tr><tr><td>3</td><td>200 ± 5</td><td>30 ± 3</td></tr><tr><td>4</td><td>Room temperature</td><td>5 ± 3</td></tr></table>	Step	Temperature (°C)	Period (minutes)	1	-40 ± 5	30 ± 3	2	Room temperature	5 ± 3	3	200 ± 5	30 ± 3	4	Room temperature	5 ± 3	No visible damage ΔR ₂₅ /R ₂₅ ≤ 3 %
Step	Temperature (°C)	Period (minutes)																
1	-40 ± 5	30 ± 3																
2	Room temperature	5 ± 3																
3	200 ± 5	30 ± 3																
4	Room temperature	5 ± 3																
Max. Power Dissipation	IEC60539-1 4.26.3	25 ± 5 °C , Pmax. , 1000 ± 24 hrs	No visible damage ΔR ₂₅ /R ₂₅ ≤ 5 %															

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Soldering Recommendation

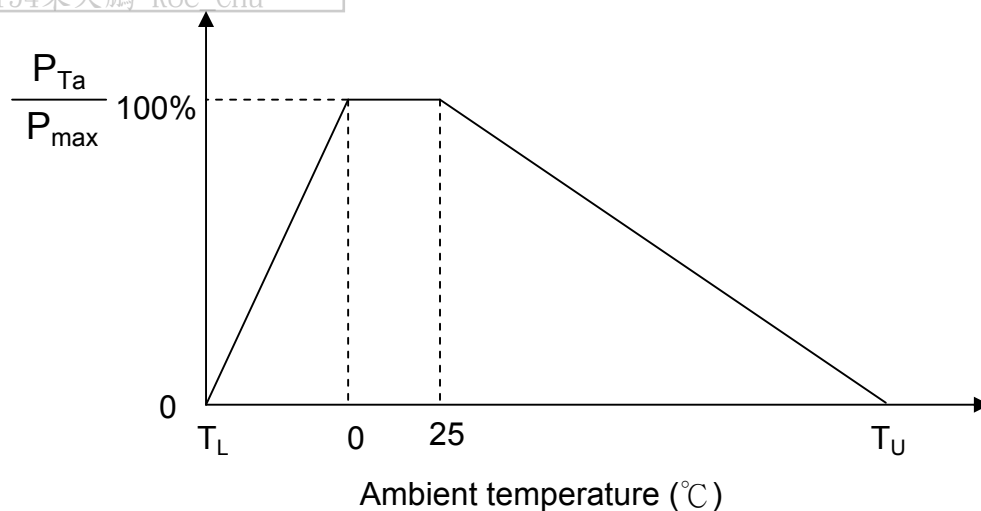
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■ Wave Soldering Profile



■ Recommended Reworking Conditions with Soldering Iron

Item	Conditions
Temperature of Soldering Iron-tip	360°C (max.)
Soldering Time	3 sec (max.)
Distance from Thermistor	2 mm (min.)

Max. Power Dissipation Derating Curve

Note: T_L = Minimum operating temperature(°C)

T_U = Maximum operating temperature (°C)

For example :

Ambient temperature(T_a)=55°C

Maximum operating temperature(T_u)=200°C

$P_{Ta} = (T_u - T_a) / (T_u - 25) \times P_{max} = 83\% P_{max}$

RoHS Compliant Declaration

We hereby declare that the components delivered to your company are compliant with RoHS directive 2011/65/EU.

Warehouse Storage Conditions of Products

(I) Storage Conditions :

1.Storage Temperature : -10°C ~+40°C

2.Relative Humidity : $\leq 75\%RH$

3.Keep away from corrosive atmosphere and sunlight.

(II) Period of Storage : 1 year



KS-Q90075-8821UT-01

Safety Approvals (Certified Model/Type :DHT-103)

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* UL 1434 / cUL recognized (File # E138827)

Certificates

- (1) TS 16949 certificate
- (2) ISO 9001 certificate

Test Report

- (1) RoHS test report



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R-T Table

Part No.: DHT0A103F34D2SY

R25=10KOhm $\pm 1\%$ B25/85 = 3435 K $\pm 2\%$

Temperature (°C)	Rmax. (K Ω)	Rnor. (K Ω)	Rmin. (K Ω)	Temperature Tol. (°C)		Resistance Tol. (%)	
-40	173.863	162.800	152.425	-1.28	1.25	6.8%	-6.4%
-39	164.852	154.523	144.827	-1.25	1.23	6.7%	-6.3%
-38	156.275	146.637	137.580	-1.22	1.21	6.6%	-6.2%
-37	148.156	139.164	130.705	-1.20	1.20	6.5%	-6.1%
-36	140.498	132.108	124.207	-1.19	1.19	6.4%	-6.0%
-35	133.287	125.458	118.076	-1.18	1.18	6.2%	-5.9%
-34	126.505	119.196	112.298	-1.17	1.17	6.1%	-5.8%
-33	120.125	113.299	106.851	-1.16	1.16	6.0%	-5.7%
-32	114.121	107.745	101.715	-1.15	1.15	5.9%	-5.6%
-31	108.467	102.509	96.8680	-1.14	1.14	5.8%	-5.5%
-30	103.137	97.5682	92.2906	-1.13	1.13	5.7%	-5.4%
-29	98.1089	92.9023	87.9633	-1.12	1.12	5.6%	-5.3%
-28	93.3602	88.4917	83.8686	-1.10	1.11	5.5%	-5.2%
-27	88.8718	84.3187	79.9909	-1.09	1.10	5.4%	-5.1%
-26	84.6262	80.3677	76.3159	-1.08	1.08	5.3%	-5.0%
-25	80.6077	76.6245	72.8309	-1.06	1.07	5.2%	-5.0%
-24	76.8022	73.0764	69.5243	-1.05	1.06	5.1%	-4.9%
-23	73.1970	69.7118	66.3858	-1.04	1.04	5.0%	-4.8%
-22	69.7805	66.5202	63.4059	-1.02	1.03	4.9%	-4.7%
-21	66.5420	63.4922	60.5761	-1.01	1.01	4.8%	-4.6%
-20	63.4718	60.6188	57.8882	-0.99	1.00	4.7%	-4.5%
-19	60.5607	57.8919	55.3350	-0.98	0.99	4.6%	-4.4%
-18	57.8003	55.3037	52.9096	-0.96	0.97	4.5%	-4.3%
-17	55.1826	52.8470	50.6052	-0.95	0.96	4.4%	-4.2%
-16	52.7000	50.5150	48.4158	-0.94	0.95	4.3%	-4.2%
-15	50.3453	48.3012	46.3355	-0.92	0.94	4.2%	-4.1%
-14	48.1116	46.1993	44.3587	-0.91	0.92	4.1%	-4.0%
-13	45.9925	44.2035	42.4798	-0.90	0.91	4.0%	-3.9%
-12	43.9818	42.3081	40.6939	-0.88	0.90	4.0%	-3.8%
-11	42.0734	40.5075	38.9960	-0.87	0.88	3.9%	-3.7%
-10	40.2618	38.7968	37.3814	-0.86	0.87	3.8%	-3.6%
-9	38.5416	37.1710	35.8455	-0.84	0.86	3.7%	-3.6%
-8	36.9075	35.6252	34.3841	-0.83	0.84	3.6%	-3.5%
-7	35.3547	34.1552	32.9931	-0.82	0.83	3.5%	-3.4%
-6	33.8786	32.7566	31.6685	-0.80	0.82	3.4%	-3.3%
-5	32.4748	31.4253	30.4067	-0.79	0.80	3.3%	-3.2%
-4	31.1392	30.1577	29.2042	-0.77	0.79	3.3%	-3.2%
-3	29.8678	28.9500	28.0576	-0.76	0.78	3.2%	-3.1%
-2	28.6569	27.7989	26.9638	-0.75	0.76	3.1%	-3.0%
-1	27.5030	26.7011	25.9199	-0.73	0.75	3.0%	-2.9%



RELEASE

R - T Table

Part No.: DHT0A103F34D2SY

R25=10KOhm $\pm$ 1%B25/85 = 3435 K $\pm$ 2%

Temperature (°C)	Rmax. (K Ω)	Rnor. (K Ω)	Rmin. (K Ω)	Temperature Tol. (°C)		Resistance Tol. (%)	
0	26.4030	25.6537	24.9231	-0.72	0.73	2.9%	-2.8%
1	25.3538	24.6538	23.9707	-0.70	0.72	2.8%	-2.8%
2	24.3524	23.6987	23.0604	-0.68	0.70	2.8%	-2.7%
3	23.3962	22.7861	22.1897	-0.67	0.68	2.7%	-2.6%
4	22.4827	21.9135	21.3567	-0.65	0.67	2.6%	-2.5%
5	21.6096	21.0789	20.5592	-0.64	0.65	2.5%	-2.5%
6	20.7746	20.2801	19.7954	-0.62	0.63	2.4%	-2.4%
7	19.9757	19.5152	19.0635	-0.60	0.62	2.4%	-2.3%
8	19.2111	18.7826	18.3618	-0.58	0.60	2.3%	-2.2%
9	18.4789	18.0805	17.6890	-0.57	0.58	2.2%	-2.2%
10	17.7775	17.4075	17.0434	-0.55	0.56	2.1%	-2.1%
11	17.1054	16.7620	16.4238	-0.53	0.55	2.0%	-2.0%
12	16.4610	16.1427	15.8289	-0.51	0.53	2.0%	-1.9%
13	15.8431	15.5484	15.2576	-0.50	0.51	1.9%	-1.9%
14	15.2504	14.9779	14.7088	-0.48	0.49	1.8%	-1.8%
15	14.6816	14.4300	14.1813	-0.46	0.47	1.7%	-1.7%
16	14.1358	13.9039	13.6744	-0.44	0.45	1.7%	-1.7%
17	13.6118	13.3984	13.1870	-0.42	0.44	1.6%	-1.6%
18	13.1087	12.9127	12.7184	-0.40	0.42	1.5%	-1.5%
19	12.6255	12.4459	12.2676	-0.38	0.40	1.4%	-1.4%
20	12.1614	11.9972	11.8340	-0.37	0.38	1.4%	-1.4%
21	11.7155	11.5658	11.4169	-0.35	0.36	1.3%	-1.3%
22	11.2872	11.1511	11.0156	-0.33	0.34	1.2%	-1.2%
23	10.8756	10.7523	10.6294	-0.31	0.32	1.1%	-1.1%
24	10.4801	10.3688	10.2577	-0.29	0.30	1.1%	-1.1%
25	10.1000	10.0000	9.90000	-0.27	0.28	1.0%	-1.0%
26	9.74875	9.64526	9.54191	-0.29	0.30	1.1%	-1.1%
27	9.41064	9.30404	9.19772	-0.31	0.32	1.1%	-1.1%
28	9.08518	8.97581	8.86687	-0.33	0.35	1.2%	-1.2%
29	8.77187	8.66007	8.54883	-0.35	0.37	1.3%	-1.3%
30	8.47025	8.35632	8.24310	-0.38	0.39	1.4%	-1.4%
31	8.17987	8.06410	7.94918	-0.40	0.41	1.4%	-1.4%
32	7.90031	7.78297	7.66661	-0.42	0.43	1.5%	-1.5%
33	7.63114	7.51249	7.39494	-0.44	0.45	1.6%	-1.6%
34	7.37199	7.25225	7.13374	-0.46	0.47	1.7%	-1.6%
35	7.12247	7.00186	6.88260	-0.48	0.49	1.7%	-1.7%
36	6.88221	6.76093	6.64113	-0.50	0.52	1.8%	-1.8%
37	6.65086	6.52911	6.40894	-0.53	0.54	1.9%	-1.8%
38	6.42809	6.30603	6.18566	-0.55	0.56	1.9%	-1.9%
39	6.21357	6.09136	5.97095	-0.57	0.58	2.0%	-2.0%



R - T Table

Part No.: DHT0A103F34D2SY

R25=10KOhm $\pm 1\%$ B25/85 = 3435 K $\pm 2\%$

Temperature (°C)	Rmax. (KΩ)	Rnor. (KΩ)	Rmin. (KΩ)	Temperature Tol. (°C)		Resistance Tol. (%)	
40	6.00699	5.88478	5.76448	-0.59	0.61	2.1%	-2.0%
41	5.80804	5.68596	5.56590	-0.61	0.63	2.1%	-2.1%
42	5.61643	5.49462	5.37491	-0.64	0.65	2.2%	-2.2%
43	5.43188	5.31045	5.19122	-0.66	0.67	2.3%	-2.2%
44	5.25412	5.13318	5.01452	-0.68	0.70	2.4%	-2.3%
45	5.08290	4.96254	4.84455	-0.71	0.72	2.4%	-2.4%
46	4.91795	4.79826	4.68103	-0.73	0.74	2.5%	-2.4%
47	4.75904	4.64011	4.52370	-0.75	0.76	2.6%	-2.5%
48	4.60593	4.48783	4.37233	-0.78	0.79	2.6%	-2.6%
49	4.45840	4.34120	4.22666	-0.80	0.81	2.7%	-2.6%
50	4.31624	4.20000	4.08648	-0.82	0.83	2.8%	-2.7%
51	4.17923	4.06400	3.95156	-0.85	0.86	2.8%	-2.8%
52	4.04717	3.93301	3.82168	-0.87	0.88	2.9%	-2.8%
53	3.91988	3.80682	3.69666	-0.90	0.91	3.0%	-2.9%
54	3.79717	3.68526	3.57629	-0.92	0.93	3.0%	-3.0%
55	3.67885	3.56812	3.46038	-0.95	0.95	3.1%	-3.0%
56	3.56476	3.45524	3.34876	-0.97	0.98	3.2%	-3.1%
57	3.45474	3.34646	3.24125	-1.00	1.00	3.2%	-3.1%
58	3.34862	3.24160	3.13769	-1.02	1.03	3.3%	-3.2%
59	3.24625	3.14051	3.03791	-1.05	1.05	3.4%	-3.3%
60	3.14748	3.04304	2.94178	-1.07	1.08	3.4%	-3.3%
61	3.05219	2.94906	2.84913	-1.10	1.10	3.5%	-3.4%
62	2.96022	2.85841	2.75983	-1.12	1.13	3.6%	-3.4%
63	2.87146	2.77098	2.67375	-1.15	1.15	3.6%	-3.5%
64	2.78577	2.68663	2.59076	-1.18	1.18	3.7%	-3.6%
65	2.70304	2.60525	2.51073	-1.20	1.20	3.8%	-3.6%
66	2.62316	2.52671	2.43355	-1.23	1.23	3.8%	-3.7%
67	2.54601	2.45090	2.35911	-1.25	1.25	3.9%	-3.7%
68	2.47150	2.37772	2.28728	-1.28	1.28	3.9%	-3.8%
69	2.39951	2.30707	2.21798	-1.31	1.31	4.0%	-3.9%
70	2.32995	2.23885	2.15110	-1.34	1.33	4.1%	-3.9%
71	2.26273	2.17296	2.08655	-1.36	1.36	4.1%	-4.0%
72	2.19776	2.10932	2.02423	-1.39	1.38	4.2%	-4.0%
73	2.13496	2.04783	1.96406	-1.42	1.41	4.3%	-4.1%
74	2.07424	1.98842	1.90596	-1.44	1.44	4.3%	-4.1%
75	2.01553	1.93100	1.84984	-1.47	1.46	4.4%	-4.2%
76	1.95874	1.87551	1.79563	-1.50	1.49	4.4%	-4.3%
77	1.90382	1.82185	1.74325	-1.53	1.52	4.5%	-4.3%
78	1.85068	1.76998	1.69263	-1.56	1.54	4.6%	-4.4%
79	1.79926	1.71982	1.64372	-1.58	1.57	4.6%	-4.4%



RELEASE

KQ9001IT 01

R - T Table

Part No.: DHT0A103F34D2SY

R25=10KOhm $\pm 1\%$ B25/85 = 3435 K $\pm 2\%$

Temperature (°C)	Rmax. (KΩ)	Rnor. (KΩ)	Rmin. (KΩ)	Temperature Tol. (°C)		Resistance Tol. (%)	
80	1.74950	1.67130	1.59643	-1.61	1.60	4.7%	-4.5%
81	1.70134	1.62437	1.55072	-1.64	1.62	4.7%	-4.5%
82	1.65472	1.57896	1.50652	-1.67	1.65	4.8%	-4.6%
83	1.60959	1.53503	1.46377	-1.70	1.68	4.9%	-4.6%
84	1.56588	1.49250	1.42242	-1.73	1.70	4.9%	-4.7%
85	1.52355	1.45135	1.38243	-1.75	1.73	5.0%	-4.7%
86	1.48255	1.41150	1.34373	-1.78	1.76	5.0%	-4.8%
87	1.44283	1.37293	1.30628	-1.81	1.78	5.1%	-4.9%
88	1.40435	1.33557	1.27003	-1.84	1.81	5.1%	-4.9%
89	1.36706	1.29939	1.23495	-1.87	1.84	5.2%	-5.0%
90	1.33091	1.26435	1.20099	-1.90	1.87	5.3%	-5.0%
91	1.29588	1.23040	1.16810	-1.93	1.89	5.3%	-5.1%
92	1.26192	1.19750	1.13626	-1.96	1.92	5.4%	-5.1%
93	1.22899	1.16562	1.10541	-1.99	1.95	5.4%	-5.2%
94	1.19706	1.13473	1.07554	-2.02	1.98	5.5%	-5.2%
95	1.16610	1.10479	1.04660	-2.05	2.00	5.5%	-5.3%
96	1.13606	1.07576	1.01855	-2.08	2.03	5.6%	-5.3%
97	1.10692	1.04761	0.99138	-2.11	2.06	5.7%	-5.4%
98	1.07866	1.02032	0.96504	-2.14	2.09	5.7%	-5.4%
99	1.05123	0.99385	0.93951	-2.17	2.12	5.8%	-5.5%
100	1.02461	0.96818	0.91477	-2.20	2.14	5.8%	-5.5%
101	0.99878	0.94328	0.89077	-2.23	2.17	5.9%	-5.6%
102	0.97370	0.91912	0.86751	-2.26	2.20	5.9%	-5.6%
103	0.94936	0.89568	0.84495	-2.29	2.23	6.0%	-5.7%
104	0.92572	0.87293	0.82307	-2.32	2.26	6.0%	-5.7%
105	0.90277	0.85085	0.80184	-2.35	2.29	6.1%	-5.8%
106	0.88049	0.82943	0.78125	-2.38	2.32	6.2%	-5.8%
107	0.85885	0.80863	0.76127	-2.41	2.35	6.2%	-5.9%
108	0.83782	0.78843	0.74188	-2.45	2.37	6.3%	-5.9%
109	0.81740	0.76883	0.72307	-2.48	2.40	6.3%	-6.0%
110	0.79756	0.74979	0.70481	-2.51	2.43	6.4%	-6.0%
111	0.77828	0.73130	0.68709	-2.54	2.46	6.4%	-6.0%
112	0.75955	0.71334	0.66989	-2.57	2.49	6.5%	-6.1%
113	0.74134	0.69590	0.65318	-2.61	2.52	6.5%	-6.1%
114	0.72365	0.67896	0.63696	-2.64	2.55	6.6%	-6.2%
115	0.70645	0.66249	0.62121	-2.67	2.58	6.6%	-6.2%
116	0.68973	0.64650	0.60592	-2.70	2.61	6.7%	-6.3%
117	0.67347	0.63095	0.59106	-2.74	2.64	6.7%	-6.3%
118	0.65766	0.61585	0.57663	-2.77	2.67	6.8%	-6.4%
119	0.64229	0.60116	0.56261	-2.80	2.70	6.8%	-6.4%



RELEASE

R-T Table

Part No. : DHT0A103F34D2SY

R25=10KOhm $\pm 1\%$ B25/85 = 3435 K $\pm 2\%$

Temperature (°C)	Rmax. (K Ω)	Rnor. (K Ω)	Rmin. (K Ω)	Temperature Tol. (°C)		Resistance Tol. (%)	
120	0.62734	0.58689	0.54899	-2.83	2.73	6.9%	-6.5%
121	0.61281	0.57301	0.53575	-2.87	2.76	6.9%	-6.5%
122	0.59866	0.55952	0.52289	-2.90	2.79	7.0%	-6.5%
123	0.58491	0.54640	0.51039	-2.94	2.82	7.0%	-6.6%
124	0.57152	0.53365	0.49824	-2.97	2.85	7.1%	-6.6%
125	0.55850	0.52124	0.48643	-3.00	2.89	7.1%	-6.7%
126	0.54582	0.50918	0.47494	-3.04	2.92	7.2%	-6.7%
127	0.53349	0.49744	0.46378	-3.07	2.95	7.2%	-6.8%
128	0.52149	0.48602	0.45292	-3.11	2.98	7.3%	-6.8%
129	0.50981	0.47491	0.44237	-3.14	3.01	7.3%	-6.9%
130	0.49843	0.46411	0.43210	-3.18	3.04	7.4%	-6.9%
131	0.48736	0.45359	0.42211	-3.21	3.07	7.4%	-6.9%
132	0.47658	0.44335	0.41240	-3.25	3.11	7.5%	-7.0%
133	0.46608	0.43339	0.40295	-3.28	3.14	7.5%	-7.0%
134	0.45586	0.42369	0.39376	-3.32	3.17	7.6%	-7.1%
135	0.44590	0.41425	0.38481	-3.35	3.20	7.6%	-7.1%
136	0.43621	0.40506	0.37610	-3.39	3.24	7.7%	-7.1%
137	0.42676	0.39611	0.36763	-3.42	3.27	7.7%	-7.2%
138	0.41756	0.38740	0.35938	-3.46	3.30	7.8%	-7.2%
139	0.40859	0.37892	0.35136	-3.50	3.33	7.8%	-7.3%
140	0.39986	0.37065	0.34354	-3.53	3.37	7.9%	-7.3%
141	0.39135	0.36260	0.33593	-3.57	3.40	7.9%	-7.4%
142	0.38305	0.35476	0.32853	-3.61	3.43	8.0%	-7.4%
143	0.37497	0.34712	0.32131	-3.65	3.47	8.0%	-7.4%
144	0.36709	0.33968	0.31429	-3.68	3.50	8.1%	-7.5%
145	0.35940	0.33243	0.30744	-3.72	3.54	8.1%	-7.5%
146	0.35191	0.32536	0.30078	-3.76	3.57	8.2%	-7.6%
147	0.34461	0.31847	0.29428	-3.80	3.60	8.2%	-7.6%
148	0.33749	0.31176	0.28796	-3.83	3.64	8.3%	-7.6%
149	0.33055	0.30521	0.28179	-3.87	3.67	8.3%	-7.7%
150	0.32378	0.29884	0.27579	-3.91	3.71	8.3%	-7.7%
151	0.31717	0.29262	0.26993	-3.95	3.74	8.4%	-7.8%
152	0.31073	0.28655	0.26423	-3.99	3.77	8.4%	-7.8%
153	0.30444	0.28064	0.25867	-4.03	3.81	8.5%	-7.8%
154	0.29831	0.27487	0.25325	-4.06	3.84	8.5%	-7.9%
155	0.29232	0.26924	0.24796	-4.10	3.88	8.6%	-7.9%
156	0.28649	0.26376	0.24281	-4.14	3.91	8.6%	-7.9%
157	0.28079	0.25841	0.23778	-4.18	3.95	8.7%	-8.0%
158	0.27523	0.25318	0.23288	-4.22	3.98	8.7%	-8.0%
159	0.26980	0.24809	0.22810	-4.26	4.02	8.7%	-8.1%



RELEASE

R-T Table

Part No. : DHT0A103F34D2SY

R25=10KOhm $\pm 1\%$ B25/85 = 3435 K $\pm 2\%$

Temperature (°C)	Rmax. (K Ω)	Rnor. (K Ω)	Rmin. (K Ω)	Temperature Tol. (°C)		Resistance Tol. (%)	
160	0.26450	0.24312	0.22344	-4.30	4.05	8.8%	-8.1%
161	0.25932	0.23826	0.21890	-4.34	4.09	8.8%	-8.1%
162	0.25427	0.23353	0.21446	-4.38	4.13	8.9%	-8.2%
163	0.24934	0.22891	0.21013	-4.42	4.16	8.9%	-8.2%
164	0.24452	0.22440	0.20591	-4.46	4.20	9.0%	-8.2%
165	0.23982	0.21999	0.20178	-4.50	4.23	9.0%	-8.3%
166	0.23522	0.21569	0.19776	-4.54	4.27	9.1%	-8.3%
167	0.23073	0.21149	0.19383	-4.58	4.31	9.1%	-8.3%
168	0.22635	0.20739	0.19000	-4.62	4.34	9.1%	-8.4%
169	0.22206	0.20338	0.18626	-4.66	4.38	9.2%	-8.4%
170	0.21788	0.19947	0.18261	-4.70	4.41	9.2%	-8.5%
171	0.21378	0.19565	0.17904	-4.75	4.45	9.3%	-8.5%
172	0.20979	0.19192	0.17556	-4.79	4.49	9.3%	-8.5%
173	0.20588	0.18827	0.17215	-4.83	4.52	9.4%	-8.6%
174	0.20206	0.18471	0.16883	-4.87	4.56	9.4%	-8.6%
175	0.19833	0.18123	0.16559	-4.91	4.60	9.4%	-8.6%
176	0.19468	0.17783	0.16242	-4.95	4.63	9.5%	-8.7%
177	0.19111	0.17450	0.15932	-4.99	4.67	9.5%	-8.7%
178	0.18762	0.17125	0.15629	-5.04	4.71	9.6%	-8.7%
179	0.18421	0.16807	0.15334	-5.08	4.74	9.6%	-8.8%
180	0.18087	0.16497	0.15045	-5.12	4.78	9.6%	-8.8%
181	0.17761	0.16193	0.14762	-5.16	4.82	9.7%	-8.8%
182	0.17442	0.15896	0.14486	-5.21	4.86	9.7%	-8.9%
183	0.17129	0.15606	0.14216	-5.25	4.89	9.8%	-8.9%
184	0.16824	0.15322	0.13953	-5.29	4.93	9.8%	-8.9%
185	0.16525	0.15044	0.13695	-5.33	4.97	9.8%	-9.0%
186	0.16233	0.14773	0.13443	-5.38	5.01	9.9%	-9.0%
187	0.15946	0.14507	0.13196	-5.42	5.04	9.9%	-9.0%
188	0.15666	0.14247	0.12955	-5.46	5.08	10.0%	-9.1%
189	0.15392	0.13993	0.12719	-5.50	5.12	10.0%	-9.1%
190	0.15124	0.13744	0.12488	-5.55	5.16	10.0%	-9.1%
191	0.14862	0.13501	0.12263	-5.59	5.20	10.1%	-9.2%
192	0.14605	0.13262	0.12042	-5.63	5.23	10.1%	-9.2%
193	0.14353	0.13029	0.11826	-5.68	5.27	10.2%	-9.2%
194	0.14107	0.12801	0.11615	-5.72	5.31	10.2%	-9.3%
195	0.13865	0.12578	0.11408	-5.77	5.35	10.2%	-9.3%
196	0.13629	0.12359	0.11206	-5.81	5.39	10.3%	-9.3%
197	0.13398	0.12145	0.11008	-5.85	5.43	10.3%	-9.4%
198	0.13171	0.11936	0.10815	-5.90	5.46	10.4%	-9.4%
199	0.12949	0.11730	0.10625	-5.94	5.50	10.4%	-9.4%

