

R-T CONVERSION TABLE

(1/4)

Part No. : NSM3 1 0 3 J 3 4 4 F 3
 R 25 : 10 k Ω Tolerance is 5 %
 B 25/85 : 3435 K Tolerance is 1 %

Tx(°C)	Rmin. (k Ω)	Rnom. (k Ω)	Rmax. (k Ω)
-40	187.5541	203.4628	220.1708
-39	177.3434	192.2773	207.9492
-38	167.7545	181.7789	196.4848
-37	158.7457	171.9212	185.7260
-36	150.2785	162.6612	175.6252
-35	142.3169	153.9589	166.1380
-34	134.8276	145.7775	157.2235
-33	127.7798	138.0825	148.8436
-32	121.1449	130.8421	140.9630
-31	114.8960	124.0268	133.5490
-30	109.0085	117.6089	126.5712
-29	103.4594	111.5631	120.0013
-28	98.2271	105.8655	113.8130
-27	93.2917	100.4940	107.9820
-26	88.6345	95.4280	102.4855
-25	84.2384	90.6483	97.3024
-24	80.0871	86.1372	92.4129
-23	76.1656	81.8779	87.7988
-22	72.4598	77.8550	83.4429
-21	68.9566	74.0539	79.3292
-20	65.6438	70.4611	75.4430
-19	62.5099	67.0641	71.7704
-18	59.5443	63.8511	68.2983
-17	56.7369	60.8110	65.0148
-16	54.0785	57.9336	61.9085
-15	51.5602	55.2093	58.9688
-14	49.1740	52.6289	56.1859
-13	46.9121	50.1843	53.5505
-12	44.7674	47.8673	51.0540
-11	42.7331	45.6708	48.6883
-10	40.8030	43.5876	46.4459
-9	38.9712	41.6115	44.3195
-8	37.2320	39.7362	42.3027
-7	35.5804	37.9561	40.3891
-6	34.0115	36.2658	38.5729
-5	32.5205	34.6604	36.8487
-4	31.1034	33.1350	35.2112
-3	29.7559	31.6854	33.6556
-2	28.4743	30.3072	32.1775
-1	27.2551	28.9967	30.7724
0	26.0948	27.7501	29.4365

Part No. : NSM3103J344F3

Tx (°C)	Rmin. (kΩ)	Rnom. (kΩ)	Rmax. (kΩ)
1	24.9903	26.5639	28.1660
2	23.9387	25.4350	26.9573
3	22.9371	24.3603	25.8071
4	21.9828	23.3368	24.7122
5	21.0734	22.3619	23.6697
6	20.2066	21.4330	22.6769
7	19.3802	20.5477	21.7310
8	18.5919	19.7037	20.8297
9	17.8400	18.8989	19.9706
10	17.1225	18.1312	19.1515
11	16.4376	17.3989	18.3703
12	15.7838	16.7000	17.6252
13	15.1594	16.0328	16.9141
14	14.5631	15.3958	16.2356
15	13.9933	14.7875	15.5878
16	13.4487	14.2064	14.9692
17	12.9282	13.6511	14.3784
18	12.4306	13.1204	13.8139
19	11.9547	12.6131	13.2746
20	11.4994	12.1280	12.7590
21	11.0638	11.6641	12.2662
22	10.6470	11.2202	11.7948
23	10.2479	10.7956	11.3440
24	9.8659	10.3891	10.9127
25	9.5000	10.0000	10.5000
26	9.1444	9.6293	10.1146
27	8.8041	9.2744	9.7455
28	8.4783	8.9346	9.3919
29	8.1665	8.6092	9.0532
30	7.8678	8.2974	8.7285
31	7.5817	7.9986	8.4174
32	7.3077	7.7123	8.1190
33	7.0450	7.4378	7.8328
34	6.7932	7.1746	7.5583
35	6.5518	6.9221	7.2950
36	6.3203	6.6799	7.0422
37	6.0983	6.4475	6.7996
38	5.8852	6.2244	6.5667
39	5.6808	6.0103	6.3430
40	5.4845	5.8047	6.1282
41	5.2961	5.6072	5.9217
42	5.1152	5.4175	5.7234
43	4.9414	5.2353	5.5327
44	4.7745	5.0601	5.3494
45	4.6140	4.8917	5.1732

Part No. : NSM3103J344F3

Tx (°C)	Rmin. (kΩ)	Rnom. (kΩ)	Rmax. (kΩ)
46	4.4599	4.7299	5.0037
47	4.3116	4.5742	4.8407
48	4.1691	4.4245	4.6838
49	4.0321	4.2805	4.5328
50	3.9002	4.1419	4.3875
51	3.7734	4.0085	4.2476
52	3.6514	3.8801	4.1129
53	3.5339	3.7565	3.9831
54	3.4208	3.6375	3.8582
55	3.3119	3.5228	3.7378
56	3.2071	3.4124	3.6217
57	3.1061	3.3060	3.5099
58	3.0088	3.2034	3.4021
59	2.9150	3.1045	3.2981
60	2.8247	3.0092	3.1979
61	2.7375	2.9174	3.1012
62	2.6536	2.8287	3.0079
63	2.5726	2.7432	2.9179
64	2.4945	2.6608	2.8311
65	2.4191	2.5812	2.7472
66	2.3464	2.5044	2.6663
67	2.2763	2.4302	2.5881
68	2.2086	2.3587	2.5126
69	2.1432	2.2895	2.4397
70	2.0801	2.2228	2.3693
71	2.0192	2.1583	2.3013
72	1.9604	2.0960	2.2355
73	1.9035	2.0358	2.1719
74	1.8486	1.9777	2.1105
75	1.7955	1.9215	2.0511
76	1.7442	1.8671	1.9936
77	1.6946	1.8145	1.9381
78	1.6467	1.7637	1.8843
79	1.6004	1.7146	1.8323
80	1.5556	1.6670	1.7820
81	1.5119	1.6207	1.7330
82	1.4701	1.5763	1.6860
83	1.4296	1.5333	1.6404
84	1.3904	1.4916	1.5963
85	1.3524	1.4513	1.5536
86	1.3157	1.4123	1.5123
87	1.2802	1.3746	1.4722
88	1.2458	1.3380	1.4334
89	1.2124	1.3025	1.3958
90	1.1801	1.2682	1.3594

Part No. : NSM3103J344F3

Tx(°C)	Rmin. (kΩ)	Rnom. (kΩ)	Rmax. (kΩ)
91	1.1489	1.2349	1.3241
92	1.1186	1.2027	1.2899
93	1.0892	1.1714	1.2567
94	1.0608	1.1411	1.2245
95	1.0332	1.1118	1.1933
96	1.0065	1.0833	1.1631
97	0.9806	1.0557	1.1337
98	0.9555	1.0289	1.1052
99	0.9311	1.0030	1.0776
100	0.9075	0.9778	1.0508
101	0.8846	0.9533	1.0248
102	0.8624	0.9296	0.9995
103	0.8408	0.9066	0.9750
104	0.8199	0.8842	0.9512
105	0.7995	0.8625	0.9281
106	0.7798	0.8414	0.9057
107	0.7607	0.8210	0.8839
108	0.7421	0.8011	0.8627
109	0.7240	0.7818	0.8421
110	0.7065	0.7631	0.8221
111	0.6895	0.7449	0.8027
112	0.6729	0.7272	0.7838
113	0.6568	0.7100	0.7654
114	0.6412	0.6932	0.7476
115	0.6261	0.6770	0.7303
116	0.6113	0.6612	0.7134
117	0.5970	0.6458	0.6970
118	0.5830	0.6309	0.6810
119	0.5695	0.6164	0.6655
120	0.5563	0.6023	0.6504
121	0.5435	0.5885	0.6357
122	0.5310	0.5752	0.6214
123	0.5189	0.5622	0.6075
124	0.5071	0.5495	0.5940
125	0.4956	0.5372	0.5808