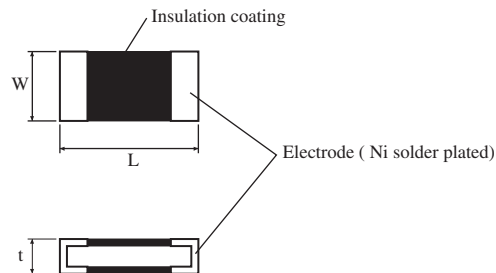
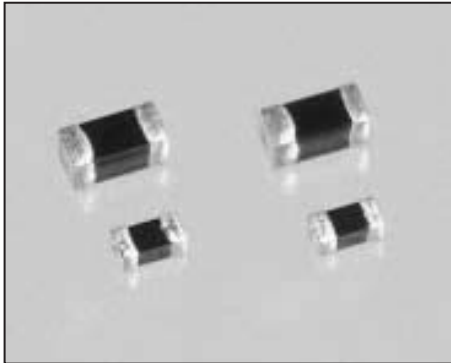


Model No. NSM is small surface mounting type chip thermistor for the small electronics.

■ Features

High precision and high stability.

Type and characteristics to meet various requirements.



Operating Temp. Range;  $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$

◆ Model No. NSM1

Model No.	Resistance Value R <sub>25°C</sub> (Ω)	B-Constant 25/85(K)
Type R25B		
NSM1101J280J	100	2800
NSM1501J325J	500	3250
NSM1102J325J	1 k	3250
NSM1202J410J	2 k	4100
NSM1302J410J	3 k	4100
NSM1502J355J	5 k	3550
NSM1103J375J	10 k	3750
NSM1153J375J	15 k	3750
NSM1203J400J	20 k	4000
NSM1303J400J	30 k	4000
NSM1503J400J	50 k	4000
NSM1104J425J	100 k	4250
NSM1154J425J	150 k	4250
NSM1204J425J	200 k	4250
NSM1504J435J	500 k	4350

Dimensions(mm) L=3.2±0.2, W=1.62±0.2, t=1.2 Max.

Rated Power 400mW

◆ Model No. NSM3

Model No.	Resistance Value R <sub>25°C</sub> (Ω)	B-Constant 25/85(K)
Type R25B		
NSM3400J280J	40	2800
NSM3101J280J	100	2800
NSM3501J310J	500	3100
NSM3102J325J	1 k	3250
NSM3202J410J	2 k	4100
NSM3302J410J	3 k	4100
NSM3502J355J	5 k	3550
NSM3103J375J	10 k	3750
NSM3153J380J	15 k	3800
NSM3203J380J	20 k	3800
NSM3303J400J	30 k	4000
NSM3503J400J	50 k	4000
NSM3104J415J	100 k	4150
NSM3154J425J	150 k	4250
NSM3204J425J	200 k	4250

Dimensions(mm) L=1.6±0.2, W=0.8±0.2, t=1.0 Max.

Rated Power 150mW

◆ Model No. NSM2

Model No.	Resistance Value R <sub>25°C</sub> (Ω)	B-Constant 25/85(K)
Type R25B		
NSM2400J280J	40	2800
NSM2101J280J	100	2800
NSM2501J325J	500	3250
NSM2102J325J	1 k	3250
NSM2202J410J	2 k	4100
NSM2302J410J	3 k	4100
NSM2502J355J	5 k	3550
NSM2103J375J	10 k	3750
NSM2153J400J	15 k	4000
NSM2203J400J	20 k	4000
NSM2303J400J	30 k	4000
NSM2503J400J	50 k	4000
NSM2104J425J	100 k	4250
NSM2154J425J	150 k	4250
NSM2204J425J	200 k	4250
NSM2504J435J	500 k	4350

Dimensions(mm) L=2.0±0.2, W=1.25±0.2, t=1.2 Max.

Rated Power 300mW

◆ Model No. NSM4

Model No.	Resistance Value R <sub>25°C</sub> (Ω)	B-Constant 25/85(K)
Type R25B		
NSM4400J285J	40	2850
NSM4202J410J	2 k	4100
NSM4302J410J	3 k	4100

Dimensions(mm) L=1.0±0.2, W=0.5±0.2, t=0.7 Max.

Rated Power 40mW



◆ Model No. NSM R-T table

Model No.	Parts number						
NSM1(3216)		NSM1501G325J	NSM1102J325J	NSM1202J410J	NSM1302J410J	NSM1502J355J	
NSM2(2125)	NSM2400J280J	NSM2501G325J	NSM2102J325J	NSM2202J410J	NSM2302J410J	NSM2502J355J	NSM2103J375J
R25	40 Ω	500 Ω	1k Ω	2k Ω	3k Ω	5k Ω	10k Ω
B25/85(K)	2800	3250	3250	4100	4100	3550	3750
T(°C)	R <sub>T</sub> (Ω)	R <sub>T</sub> (Ω)	R <sub>T</sub> (kΩ)	R <sub>T</sub> (kΩ)	R <sub>T</sub> (kΩ)	R <sub>T</sub> (kΩ)	R <sub>T</sub> (kΩ)
-40	527.2	8,839	17.67	96.53	144.8	113.7	253.7
-35	413.1	6,474	13.52	66.47	99.70	85.00	188.8
-30	326.7	5,225	10.45	46.47	69.71	64.16	141.9
-25	260.7	4,072	8.145	32.96	49.45	48.90	107.5
-20	209.7	3,200	6.401	23.70	35.55	37.62	82.23
-15	169.9	2,535	5.017	17.26	25.89	29.19	63.35
-10	138.8	2,023	4.047	12.72	19.08	22.84	49.17
-5	114.1	1,626	3.253	9.483	14.22	18.01	38.43
0	94.45	1,316	2.633	7.145	10.71	14.31	30.25
5	78.65	1,072	2.144	5.438	8.158	11.45	23.96
10	65.88	878.6	1.757	4.179	6.269	9.222	19.09
15	55.49	724.2	1.448	3.241	4.862	7.475	15.30
20	46.99	600.1	1.200	2.535	3.803	6.096	12.33
25	40.00	500.0	1.000	2.000	3.000	5.000	10.00
30	34.18	418.7	0.8375	1.591	2.386	4.123	8.159
35	29.36	352.5	0.7051	1.275	1.913	3.419	6.695
40	25.34	298.3	0.5966	1.031	1.546	2.851	5.523
45	21.96	253.5	0.5072	0.8392	1.258	2.389	4.580
50	19.12	216.5	0.4331	0.6879	1.031	2.012	3.817
55	16.71	185.7	0.3714	0.5676	0.8514	1.702	3.196
60	14.66	159.9	0.3199	0.4713	0.7070	1.446	2.689
65	12.91	138.2	0.2766	0.3938	0.5906	1.234	2.271
70	11.41	120.0	0.2400	0.3308	0.4963	1.058	1.927
75	10.12	104.5	0.2091	0.2795	0.4193	0.9106	1.641
80	9.012	91.36	0.1807	0.2374	0.3561	0.7864	1.403
85	8.025	80.16	0.1603	0.2028	0.3042	0.6822	1.208
90	7.163	70.58	0.1412	0.1742	0.2613	0.5939	1.044
95	6.409	62.34	0.1247	0.1503	0.2255	0.5189	0.9067
100	5.747	55.23	0.1105	0.1303	0.1955	0.4549	0.7902
105	5.164	49.08	0.0982	0.1135	0.1702	0.4000	0.6912
110	4.651	43.73	0.0875	0.0993	0.1489	0.3529	0.6069
115	4.197	39.08	0.0782	0.0872	0.1307	0.3123	0.5347
120	3.794	35.01	0.0700	0.0768	0.1153	0.2771	0.4727
125	3.437	31.45	0.0629	0.0680	0.1020	0.2466	0.4192