

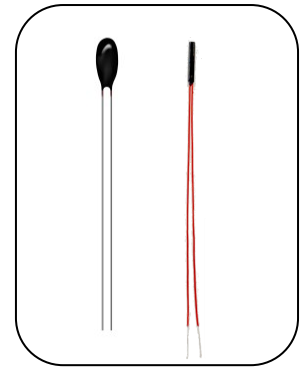
负温度系数热敏电阻：INT 系列



温度传感用封装型高精度热敏电阻器

■ 特点

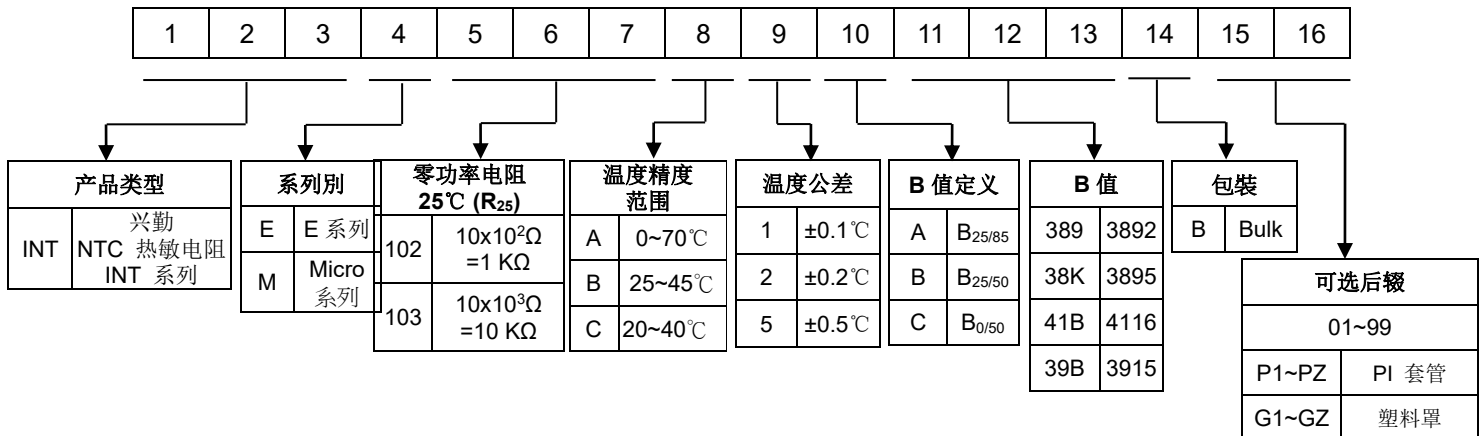
1. 满足RoHS
2. 本体尺寸：Φ1.2mm~Φ2.4mm
3. 高精度
4. 可互换性
5. 工作温度范围：-40℃~ +150℃



■ 用途

1. 温度感测器
2. 医疗用测量仪器
3. 精密测量仪器
4. 高精度仪表

■ 编码规则

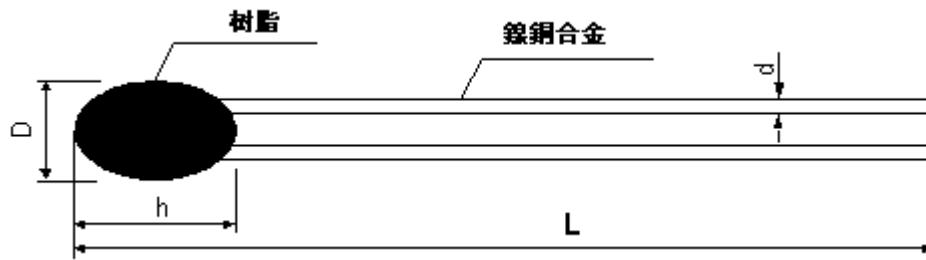


负温度系数热敏电阻：INT 系列



温度传感用封装型高精度热敏电阻器

■ 结构与尺寸



(单位：mm)

D _{max.}	h _{max.}	L _{min.}	d
2.4	4.5	40	0.25±0.05

■ 电气特性

型号	零功率电阻 @25°C	0°C~70°C 温度公差	B _{0/50}	最大功耗 @25°C	耗散系数	热时常数
	R ₂₅ (KΩ)	(°C)	(K)	P _{max} (mW)	δ(mW/°C)	T _L ~T _U (°C)
INTE102A□C389B	1	±0.1 ±0.2 ±0.5	B _{0/50} =3892	30	≥1	-40 ~ +100
INTE222A□C389B	2.252					
INTE302A□C389B	3					
INTE103A□C389B	10					
INTE203A□C389B	20					
INTE303A□C389B	30					
INTE202C□C389B	2.046	±0.1 ±0.2 ±0.5	B _{20/40} =3915	30	≥1	-40 ~ +125
INTE222C□C389B	2.251					
INTE102A□C389B	1	±0.1 ±0.2 ±0.5	B _{0/50} =3895	30	≥1	-40 ~ +150
INTE222A□C389B	2.252					
INTE302A□C389B	3					
INTE103A□C389B	10					
INTE203A□C389B	20					
INTE303A□C389B	30					
INTE104A□A389B	30		B _{25/85} =4116			

备注 1: □ = 温度公差 (1: ±0.1°C, 2: ±0.2°C, 5: ±0.5°C)

备注 2: 如有特殊要求, 请与我们的销售人员联系

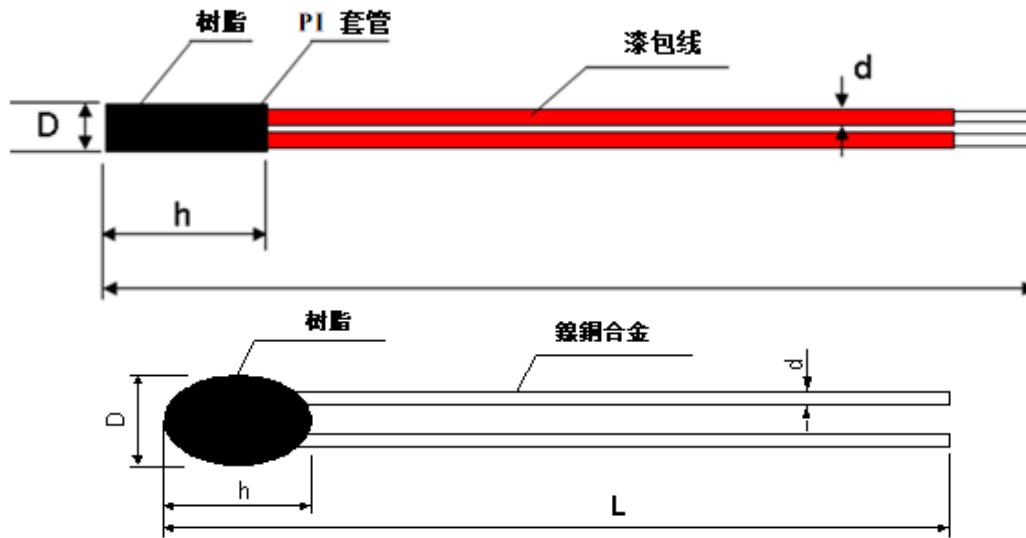
备注 3: 热时常数(τ)=最大值 1.5 秒

负温度系数热敏电阻：INT 系列



温度传感用封装型高精度热敏电阻器

■ 结构与尺寸



(Unit : mm)

$D_{max.}$	$h_{max.}$	$L_{min.}$	d
1.2	10	40	0.2 ± 0.05

■ 电气特性

型号	零功率电阻 @25°C	0°C~70°C 温度公差	$B_{0/50}$	最大功耗 @25°C	耗散系数	热时常数
	$R_{25}(K\Omega)$	(°C)	(K)	$P_{max}(mW)$	$\delta(mW/°C)$	$T_L \sim T_U(°C)$
INTE202C□C389B(P)	2.046	± 0.1 ± 0.2 ± 0.5	$B_{20/40}=3915$	30	≥ 1	-40 ~ +125
INTE222C□C389B(P)	2.252					
INTE103A□C389B(P)	10		$B_{0/50}=3892$			-40 ~ +100
INTE303A□C389B(P)	30					
INTE503A□C389B(P)	50					
INTE103A□C389B(P)	10		$B_{0/50}=3895$			-40 ~ +150
INTE303A□C389B(P)	30					
INTE503A□C389B(P)	50					
INTE104A□C389B(P)	100		$B_{25/85}=4116$			

备注 1: □ = 温度公差 (1: $\pm 0.1^\circ C$, 2: $\pm 0.2^\circ C$, 5: $\pm 0.5^\circ C$)

备注 2: (P)=PI 套管结构

备注 3: 如有特殊要求, 请与我们的销售人员联系

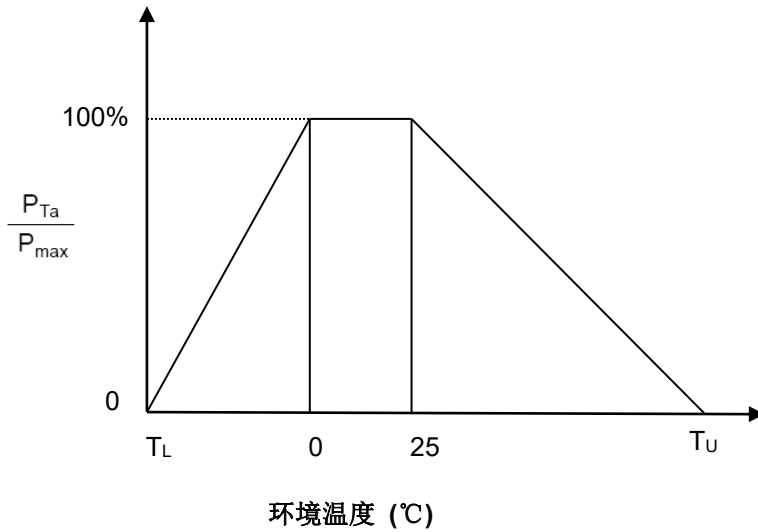
备注 4: 热时常数(τ)=最大值 1.5 秒

负温度系数热敏电阻：INT 系列



温度传感用封装型高精度热敏电阻器

最大功耗减额曲线



T_U : 工作温度上限(°C)

T_L : 工作温度下限(°C)

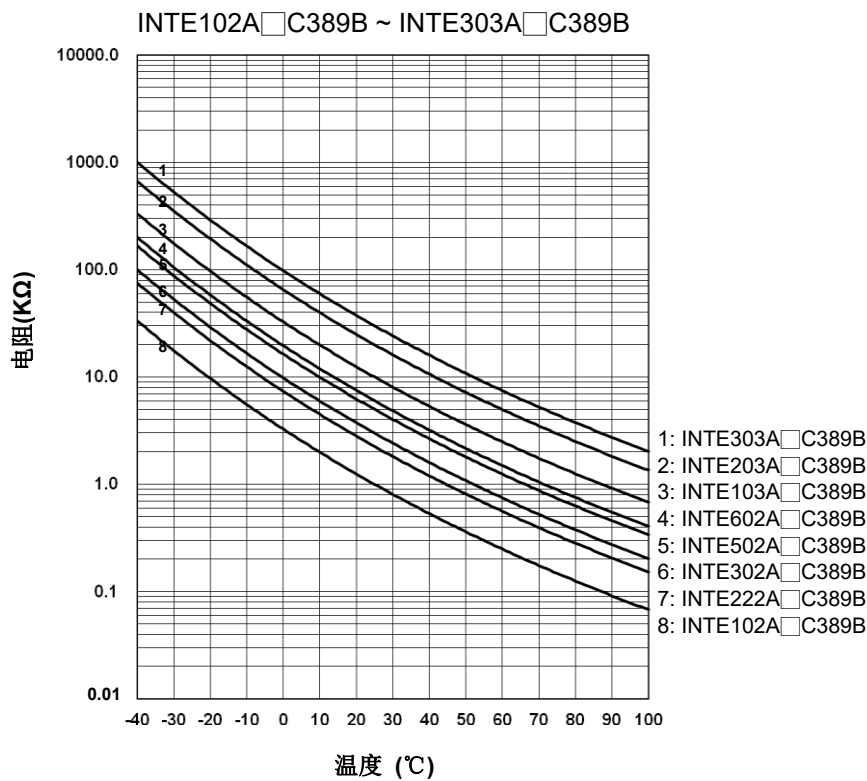
例如：

环境温度(T_a) = 55°C

工作温度上限(T_u) = 100°C

$$P_{Ta} = (T_u - T_a) / (T_u - 25) \times P_{max} = 60\% P_{max}$$

■ 电阻-温度特性曲线



负温度系数热敏电阻：INT 系列



温度传感用封装型高精度热敏电阻器

■ R-T 特性曲线表

B _{0/50} :3892								
(°C)	Rt/R ₂₅	(%/°C)	(°C)	Rt/R ₂₅	(%/°C)	(°C)	Rt/R ₂₅	(%/°C)
-40	33.441	-6.7148	11	1.8974	-4.7698	62	0.23160	-3.5637
-39	31.280	-6.6454	12	1.8093	-4.7409	63	0.22350	-3.5447
-38	29.279	-6.5772	13	1.7258	-4.7122	64	0.21570	-3.5258
-37	27.425	-6.5115	14	1.6466	-4.6837	65	0.20830	-3.5071
-36	25.704	-6.4488	15	1.5715	-4.6555	66	0.20110	-3.4886
-35	24.106	-6.3896	16	1.5002	-4.6276	67	0.19420	-3.4701
-34	22.620	-6.3339	17	1.4325	-4.5998	68	0.18760	-3.4518
-33	21.237	-6.2817	18	1.3683	-4.5723	69	0.18130	-3.4336
-32	19.949	-6.2327	19	1.3074	-4.5450	70	0.17520	-3.4156
-31	18.748	-6.1867	20	1.2494	-4.5180	71	0.16922	-3.3977
-30	17.627	-6.1435	21	1.1944	-4.4912	72	0.16358	-3.3799
-29	16.580	-6.1025	22	1.1421	-4.4646	73	0.15816	-3.3622
-28	15.602	-6.0635	23	1.0924	-4.4382	74	0.15294	-3.3447
-27	14.687	-6.0262	24	1.0451	-4.4120	75	0.14786	-3.3148
-26	13.830	-5.9902	25	1.0000	-4.3861	76	0.14305	-3.2995
-25	13.029	-5.9553	26	0.95730	-4.3603	77	0.13842	-3.2843
-24	12.277	-5.9212	27	0.91660	-4.3348	78	0.13396	-3.2691
-23	11.573	-5.8876	28	0.87780	-4.3095	79	0.12966	-3.2539
-22	10.914	-5.8545	29	0.84090	-4.2844	80	0.12552	-3.2387
-21	10.295	-5.8216	30	0.80570	-4.2595	81	0.12153	-3.2235
-20	9.7140	-5.7888	31	0.77220	-4.2348	82	0.11768	-3.2082
-19	9.1692	-5.7560	32	0.74020	-4.2103	83	0.11398	-3.1929
-18	8.6577	-5.7232	33	0.70980	-4.1860	84	0.11040	-3.1776
-17	8.1775	-5.6902	34	0.68080	-4.1619	85	0.10696	-3.1621
-16	7.7264	-5.6571	35	0.65310	-4.1381	86	0.10364	-3.1467
-15	7.3027	-5.6237	36	0.62670	-4.1144	87	0.10043	-3.1312
-14	6.9045	-5.5902	37	0.60150	-4.0909	88	0.09735	-3.1156
-13	6.5302	-5.5565	38	0.57740	-4.0676	89	0.09437	-3.1000
-12	6.1783	-5.5227	39	0.55450	-4.0446	90	0.09149	-3.0844
-11	5.8473	-5.4887	40	0.53260	-4.0217	91	0.08872	-3.0687
-10	5.5360	-5.4545	41	0.51160	-3.9990	92	0.08605	-3.0531
-9	5.2430	-5.4203	42	0.49160	-3.9765	93	0.08347	-3.0374
-8	4.9672	-5.3861	43	0.47250	-3.9542	94	0.08098	-3.0218
-7	4.7076	-5.3518	44	0.45420	-3.9320	95	0.07857	-3.0062
-6	4.4630	-5.3176	45	0.43680	-3.9101	96	0.07625	-2.9906
-5	4.2326	-5.2834	46	0.42010	-3.8884	97	0.07401	-2.9752
-4	4.0155	-5.2493	47	0.40410	-3.8668	98	0.07185	-2.9598
-3	3.8108	-5.2153	48	0.38880	-3.8454	99	0.06976	-2.9445
-2	3.6178	-5.1815	49	0.37420	-3.8242	100	0.06774	-2.9292
-1	3.4357	-5.1479	50	0.36020	-3.8032			
0	3.2650	-5.1063	51	0.34680	-3.7823			
1	3.1030	-5.0742	52	0.33390	-3.7616			
2	2.9500	-5.0425	53	0.32160	-3.7411			
3	2.8054	-5.0111	54	0.30990	-3.7208			
4	2.6688	-4.9799	55	0.29860	-3.7006			
5	2.5395	-4.9491	56	0.28780	-3.6806			
6	2.4173	-4.9185	57	0.27740	-3.6607			
7	2.3017	-4.8882	58	0.26740	-3.6410			
8	2.1922	-4.8582	59	0.25790	-3.6214			
9	2.0886	-4.8285	60	0.24880	-3.6020			
10	1.9904	-4.7990	61	0.24000	-3.5828			

负温度系数热敏电阻：INT 系列



温度传感用封装型高精度热敏电阻器

B _{0/50} :3895											
(°C)	Rt/R ₂₅	(%/°C)	(°C)	Rt/R ₂₅	(%/°C)	(°C)	Rt/R ₂₅	(%/°C)	(°C)	Rt/R ₂₅	(%/°C)
-40	31.018	-6.5406	11	1.911	-4.7764	62	0.2308	-3.5730	113	0.0458	-2.7780
-39	29.077	-6.3881	12	1.822	-4.7589	63	0.2228	-3.5568	114	0.0445	-2.7641
-38	27.294	-6.2733	13	1.737	-4.7403	64	0.2150	-3.5408	115	0.0433	-2.7503
-37	25.646	-6.1920	14	1.657	-4.7208	65	0.2075	-3.5249	116	0.0421	-2.7368
-36	24.113	-6.1385	15	1.581	-4.7001	66	0.2004	-3.5092	117	0.0410	-2.7235
-35	22.681	-6.1063	16	1.508	-4.6785	67	0.1935	-3.4935	118	0.0399	-2.7103
-34	21.340	-6.0890	17	1.440	-4.6558	68	0.1868	-3.4780	119	0.0388	-2.6974
-33	20.080	-6.0810	18	1.374	-4.6322	69	0.1805	-3.4625	120	0.0378	-2.6846
-32	18.896	-6.0773	19	1.312	-4.6077	70	0.1743	-3.4471	121	0.0368	-2.6720
-31	17.782	-6.0740	20	1.253	-4.5824	71	0.1684	-3.4317	122	0.0358	-2.6596
-30	16.734	-6.0680	21	1.197	-4.5563	72	0.1628	-3.4163	123	0.0349	-2.6474
-29	15.750	-6.0572	22	1.144	-4.5296	73	0.1573	-3.4009	124	0.0340	-2.6353
-28	14.825	-6.0403	23	1.094	-4.5022	74	0.1521	-3.3855	125	0.0331	-2.6235
-27	13.958	-6.0165	24	1.046	-4.4744	75	0.1470	-3.3700	126	0.0323	-2.6118
-26	13.145	-5.9858	25	1.00	-4.4461	76	0.1422	-3.3546	127	0.0314	-2.6003
-25	12.383	-5.9484	26	0.957	-4.4174	77	0.1375	-3.3391	128	0.0306	-2.5889
-24	11.671	-5.9048	27	0.915	-4.3885	78	0.1330	-3.3236	129	0.0298	-2.5776
-23	11.004	-5.8561	28	0.876	-4.3595	79	0.1286	-3.3080	130	0.0291	-2.5665
-22	10.381	-5.8031	29	0.839	-4.3303	80	0.1245	-3.2924	131	0.0284	-2.5555
-21	9.7985	-5.7469	30	0.804	-4.3011	81	0.1204	-3.2767	132	0.0276	-2.5447
-20	9.2540	-5.6886	31	0.770	-4.2720	82	0.1166	-3.2609	133	0.0269	-2.5339
-19	8.7448	-5.6291	32	0.738	-4.2430	83	0.1128	-3.2451	134	0.0263	-2.5232
-18	8.2686	-5.5695	33	0.707	-4.2142	84	0.1092	-3.2293	135	0.0256	-2.5126
-17	7.8230	-5.5106	34	0.678	-4.1856	85	0.1058	-3.2134	136	0.0250	-2.5021
-16	7.4057	-5.4531	35	0.650	-4.1573	86	0.1024	-3.1974	137	0.0244	-2.4916
-15	7.0146	-5.3977	36	0.624	-4.1294	87	0.0992	-3.1814	138	0.0238	-2.4812
-14	6.6478	-5.3449	37	0.599	-4.1019	88	0.0961	-3.1654	139	0.0232	-2.4707
-13	6.3034	-5.2951	38	0.575	-4.0748	89	0.0931	-3.1493	140	0.0226	-2.4602
-12	5.9797	-5.2485	39	0.552	-4.0482	90	0.0903	-3.1332	141	0.0221	-2.4498
-11	5.6752	-5.2054	40	0.5302	-4.0221	91	0.0875	-3.1171	142	0.0215	-2.4393
-10	5.3885	-5.1657	41	0.5093	-3.9965	92	0.0848	-3.1010	143	0.0210	-2.4287
-9	5.1181	-5.1294	42	0.4894	-3.9714	93	0.0822	-3.0849	144	0.0205	-2.4180
-8	4.8630	-5.0966	43	0.4704	-3.9468	94	0.0797	-3.0688	145	0.0200	-2.4073
-7	4.6221	-5.0669	44	0.4523	-3.9228	95	0.0773	-3.0527	146	0.0196	-2.3964
-6	4.3943	-5.0403	45	0.4349	-3.8994	96	0.0750	-3.0367	147	0.0191	-2.3853
-5	4.1788	-5.0164	46	0.4184	-3.8765	97	0.0728	-3.0207	148	0.0186	-2.3742
-4	3.9748	-4.9949	47	0.4025	-3.8542	98	0.0706	-3.0047	149	0.0182	-2.3628
-3	3.7815	-4.9757	48	0.3873	-3.8324	99	0.0685	-2.9888	150	0.0178	-2.3512
-2	3.5983	-4.9583	49	0.3728	-3.8111	100	0.0665	-2.9730			
-1	3.4245	-4.9425	50	0.3589	-3.7903	101	0.0646	-2.9572			
0	3.2596	-4.9279	51	0.3456	-3.7700	102	0.0627	-2.9416			
1	3.1031	-4.9142	52	0.3328	-3.7502	103	0.0609	-2.9260			
2	2.9545	-4.9012	53	0.3206	-3.7309	104	0.0591	-2.9106			
3	2.8133	-4.8886	54	0.3089	-3.7119	105	0.0574	-2.8953			
4	2.6793	-4.8761	55	0.2977	-3.6934	106	0.0558	-2.8801			
5	2.5519	-4.8635	56	0.2869	-3.6753	107	0.0542	-2.8650			
6	2.4309	-4.8506	57	0.2766	-3.6575	108	0.0527	-2.8501			
7	2.3160	-4.8373	58	0.2667	-3.6401	109	0.0512	-2.8353			
8	2.2068	-4.8233	59	0.2572	-3.6229	110	0.0498	-2.8207			
9	2.1030	-4.8085	60	0.2480	-3.6060	111	0.0484	-2.8063			
10	2.0044	-4.7930	61	0.2393	-3.5894	112	0.0471	-2.7921			

负温度系数热敏电阻：INT 系列



温度传感用封装型高精度热敏电阻器

B _{25/85} :4116								
(°C)	Rt/R ₂₅	(%/°C)	(°C)	Rt/R ₂₅	(%/°C)	(°C)	Rt/R ₂₅	(%/°C)
-40	36.942	-7.2057	11	1.921	-4.8656	62	0.2196	-3.6875
-39	34.413	-6.9816	12	1.8301	-4.8315	63	0.21168	-3.6661
-38	32.126	-6.7772	13	1.7441	-4.7989	64	0.20408	-3.6449
-37	30.048	-6.596	14	1.6626	-4.7677	65	0.1968	-3.624
-36	28.153	-6.4398	15	1.5854	-4.7378	66	0.18981	-3.6033
-35	26.415	-6.3091	16	1.5123	-4.7092	67	0.18311	-3.5829
-34	24.814	-6.2029	17	1.4429	-4.6817	68	0.17668	-3.5628
-33	23.331	-6.1198	18	1.3771	-4.6553	69	0.17052	-3.543
-32	21.953	-6.0576	19	1.3146	-4.6299	70	0.1646	-3.5235
-31	20.668	-6.0137	20	1.2553	-4.6053	71	0.15891	-3.5043
-30	19.465	-5.9856	21	1.199	-4.5816	72	0.15346	-3.4853
-29	18.335	-5.9704	22	1.1454	-4.5585	73	0.14821	-3.4667
-28	17.273	-5.9656	23	1.0945	-4.536	74	0.14318	-3.4484
-27	16.273	-5.9684	24	1.0461	-4.514	75	0.13834	-3.4304
-26	15.329	-5.9765	25	1.0000	-4.4925	76	0.13368	-3.4127
-25	14.439	-5.988	26	0.95617	-4.4713	77	0.12921	-3.3953
-24	13.599	-6.0007	27	0.91446	-4.4503	78	0.12491	-3.3782
-23	12.806	-6.0132	28	0.87474	-4.4296	79	0.12077	-3.3614
-22	12.058	-6.0241	29	0.83693	-4.409	80	0.11679	-3.3448
-21	11.353	-6.0323	30	0.80091	-4.3886	81	0.11295	-3.3286
-20	10.688	-6.0369	31	0.7666	-4.3681	82	0.10926	-3.3126
-19	10.062	-6.0373	32	0.73391	-4.3476	83	0.10571	-3.2968
-18	9.4724	-6.0331	33	0.70276	-4.3271	84	0.10229	-3.2813
-17	8.9182	-6.0241	34	0.67307	-4.3065	85	0.09900	-3.266
-16	8.3974	-6.01	35	0.64476	-4.2858	86	0.09582	-3.251
-15	7.9083	-5.9911	36	0.61778	-4.2649	87	0.09277	-3.2362
-14	7.4492	-5.9674	37	0.59205	-4.2439	88	0.08982	-3.2215
-13	7.0187	-5.9391	38	0.56751	-4.2227	89	0.08698	-3.2071
-12	6.615	-5.9067	39	0.5441	-4.2014	90	0.08424	-3.1928
-11	6.2367	-5.8705	40	0.52177	-4.1798	91	0.0816	-3.1787
-10	5.8823	-5.8308	41	0.50046	-4.1581	92	0.07905	-3.1648
-9	5.5503	-5.7882	42	0.48013	-4.1362	93	0.07659	-3.1509
-8	5.2393	-5.743	43	0.46073	-4.1142	94	0.07422	-3.1372
-7	4.9481	-5.6958	44	0.44221	-4.092	95	0.07193	-3.1236
-6	4.6752	-5.6469	45	0.42453	-4.0697	96	0.06973	-3.1102
-5	4.4196	-5.5968	46	0.40764	-4.0472	97	0.0676	-3.0967
-4	4.1801	-5.5459	47	0.39152	-4.0246	98	0.06554	-3.0834
-3	3.9556	-5.4946	48	0.37612	-4.002	99	0.06355	-3.0701
-2	3.7451	-5.4432	49	0.3614	-3.9792	100	0.06164	-3.0569
-1	3.5476	-5.392	50	0.34734	-3.9565			
0	3.3623	-5.3413	51	0.33391	-3.9337			
1	3.1882	-5.2914	52	0.32106	-3.9108			
2	3.0246	-5.2425	53	0.30878	-3.8881			
3	2.8708	-5.1947	54	0.29704	-3.8653			
4	2.7261	-5.1482	55	0.28581	-3.8426			
5	2.5899	-5.1032	56	0.27507	-3.82			
6	2.4616	-5.0596	57	0.26479	-3.7975			
7	2.3407	-5.0176	58	0.25495	-3.7752			
8	2.2266	-4.9772	59	0.24553	-3.753			
9	2.1189	-4.9384	60	0.23652	-3.731			
10	2.0171	-4.9012	61	0.22788	-3.7091			

负温度系数热敏电阻：INT 系列



温度传感用封装型高精度热敏电阻器

B _{20/40} :3915											
(°C)	Rt/R ₂₅	(%/°C)	(°C)	Rt/R ₂₅	(%/°C)	(°C)	Rt/R ₂₅	(%/°C)	(°C)	Rt/R ₂₅	(%/°C)
-40	35.029	-6.7111	11	1.9017	-4.7983	62	0.2352	-3.4483	113	0.0536	-2.15
-39	32.765	-6.6501	12	1.8129	-4.7666	63	0.2273	-3.4261	114	0.0525	-2.09
-38	30.666	-6.5901	13	1.7288	-4.7355	64	0.2196	-3.4041	115	0.0514	-2.04
-37	28.719	-6.5319	14	1.6491	-4.7050	65	0.2123	-3.3825	116	0.0504	-1.99
-36	26.910	-6.4764	15	1.5735	-4.6750	66	0.2053	-3.3612	117	0.0494	-1.93
-35	25.229	-6.4240	16	1.5019	-4.6455	67	0.1985	-3.3402	118	0.0485	-1.87
-34	23.666	-6.3750	17	1.4339	-4.6165	68	0.1920	-3.3195	119	0.0476	-1.81
-33	22.209	-6.3294	18	1.3694	-4.5879	69	0.1857	-3.2991	120	0.0468	-1.74
-32	20.851	-6.2872	19	1.3082	-4.5597	70	0.1797	-3.2790	121	0.0460	-1.68
-31	19.585	-6.2482	20	1.2500	-4.5318	71	0.1740	-3.2591	122	0.0452	-1.61
-30	18.402	-6.2120	21	1.1948	-4.5042	72	0.1684	-3.2395	123	0.0445	-1.54
-29	17.296	-6.1784	22	1.1424	-4.4769	73	0.1630	-3.2201	124	0.0438	-1.46
-28	16.263	-6.1469	23	1.0925	-4.4498	74	0.1579	-3.2009	125	0.0432	-1.39
-27	15.295	-6.1170	24	1.0451	-4.4229	75	0.1529	-3.1818			
-26	14.390	-6.0884	25	1.0000	-4.3961	76	0.1482	-3.1630			
-25	13.542	-6.0606	26	0.9571	-4.3695	77	0.1436	-3.1442			
-24	12.747	-6.0333	27	0.9163	-4.3430	78	0.1391	-3.1255			
-23	12.003	-6.0061	28	0.8775	-4.3165	79	0.1349	-3.1069			
-22	11.304	-5.9787	29	0.8405	-4.2901	80	0.1307	-3.0883			
-21	10.650	-5.9509	30	0.8053	-4.2638	81	0.1268	-3.0697			
-20	10.036	-5.9224	31	0.7718	-4.2374	82	0.1230	-3.0510			
-19	9.4603	-5.8930	32	0.7399	-4.2111	83	0.1193	-3.0322			
-18	8.9202	-5.8627	33	0.7095	-4.1847	84	0.1157	-3.0132			
-17	8.4136	-5.8314	34	0.6805	-4.1583	85	0.1123	-2.9941			
-16	7.9383	-5.7991	35	0.6529	-4.1319	86	0.1090	-2.9747			
-15	7.4923	-5.7656	36	0.6265	-4.1055	87	0.1058	-2.9550			
-14	7.0737	-5.7311	37	0.6014	-4.0791	88	0.1027	-2.9349			
-13	6.6809	-5.6956	38	0.5774	-4.0526	89	0.0998	-2.9145			
-12	6.3122	-5.6592	39	0.5546	-4.0262	90	0.0969	-2.8936			
-11	5.9660	-5.6219	40	0.5328	-3.9997	91	0.0942	-2.8722			
-10	5.6409	-5.5839	41	0.5119	-3.9733	92	0.0915	-2.8502			
-9	5.3356	-5.5453	42	0.4921	-3.9468	93	0.0890	-2.8275			
-8	5.0487	-5.5062	43	0.4731	-3.9204	94	0.0865	-2.8042			
-7	4.7792	-5.4667	44	0.4550	-3.8941	95	0.0841	-2.7802			
-6	4.5258	-5.4269	45	0.4376	-3.8678	96	0.0818	-2.7553			
-5	4.2876	-5.3870	46	0.4211	-3.8416	97	0.0796	-2.7295			
-4	4.0636	-5.3471	47	0.4053	-3.8156	98	0.0775	-2.7028			
-3	3.8528	-5.3073	48	0.3902	-3.7896	99	0.0754	-2.6751			
-2	3.6543	-5.2676	49	0.3757	-3.7638	100	0.0734	-2.6464			
-1	3.4675	-5.2283	50	0.3619	-3.7381	101	0.0715	-2.6167			
0	3.2915	-5.1893	51	0.3486	-3.7126	102	0.0697	-2.5856			
1	3.1257	-5.1507	52	0.3360	-3.6873	103	0.0679	-2.5533			
2	2.9693	-5.1127	53	0.3238	-3.6622	104	0.0662	-2.5195			
3	2.8219	-5.0752	54	0.3122	-3.6374	105	0.0646	-2.4844			
4	2.6827	-5.0383	55	0.3011	-3.6127	106	0.0630	-2.4478			
5	2.5514	-5.0020	56	0.2905	-3.5884	107	0.0615	-2.4097			
6	2.4273	-4.9664	57	0.2803	-3.5643	108	0.0600	-2.3700			
7	2.3101	-4.9314	58	0.2705	-3.5405	109	0.0586	-2.3286			
8	2.1993	-4.8971	59	0.2611	-3.5170	110	0.0573	-2.2855			
9	2.0946	-4.8635	60	0.2521	-3.4938	111	0.0560	-2.2406			
10	1.9955	-4.8306	61	0.2435	-3.4709	112	0.0548	-2.1938			

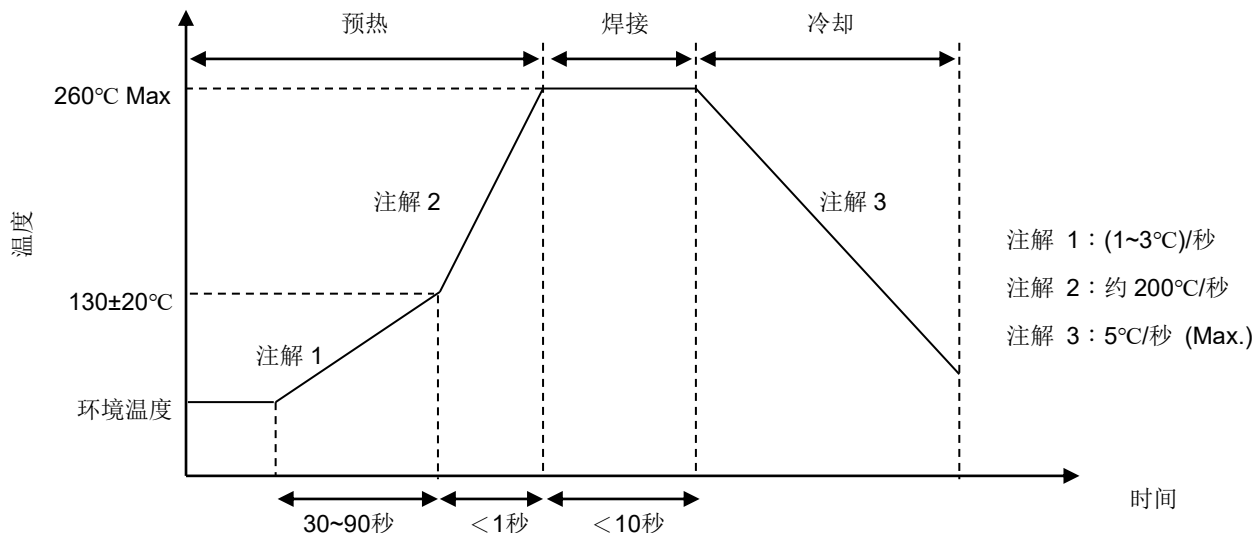
负温度系数热敏电阻：INT 系列



温度传感用封装型高精度热敏电阻器

■ 推荐焊接条件

● 波峰焊曲线



● 烙铁重工焊接条件

项目	条件
烙铁头部温度	360°C (max.)
焊接时间	3 Sec. (max.)
焊接位置与涂装层距离	2 mm (min.)

负温度系数热敏电阻：INT 系列



温度传感用封装型高精度热敏电阻器

■ 可靠性

试验项目	测试标准	试验条件/方法	性能要求
可焊性试验	IEC 60068-2-20	245 ± 3°C, 3 ± 0.3 秒	着锡面积 ≥ 95%
耐焊接热试验	IEC 60068-2-20	260 ± 3°C, 10 ± 1 秒	无外观损伤 $\Delta R_{25}/R_{25}$ ≤ 1 %
低温存储试验	IEC 60068-2-1	-40 ± 3°C, 1000 ± 24 小时	无外观损伤 $\Delta R_{25}/R_{25}$ ≤ 1 %
高温存储试验	IEC 60068-2-2	100 ± 5°C, 1000 ± 24 小时	无外观损伤 $\Delta R_{25}/R_{25}$ ≤ 1 %
稳态湿热试验	IEC 60068-2-78	40 ± 2°C, 90~95% RH, 1000 ± 24 小时	无外观损伤 $\Delta R_{25}/R_{25}$ ≤ 1 %
最大功耗	IEC60539-1 4.26.3	25 ± 5°C, Pmax., 1000 ± 24 小时	无外观损伤 $\Delta R_{25}/R_{25}$ ≤ 1 %

■ 包装数量

- 袋装：500 pcs/袋

■ 仓库存储条件

- 存储条件：
 1. 存储温度：-10°C~+40°C
 2. 相对湿度：≤75% RH
 3. 不要将本产品存放在有腐蚀性气体或是阳光直接照射的环境中保管
- 存储期限：1年