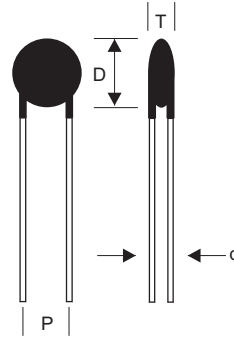


FEATURE

Temperature Compensating Thermistors are suitable for many applications where Temperature Protection or a Control Circuit is used.

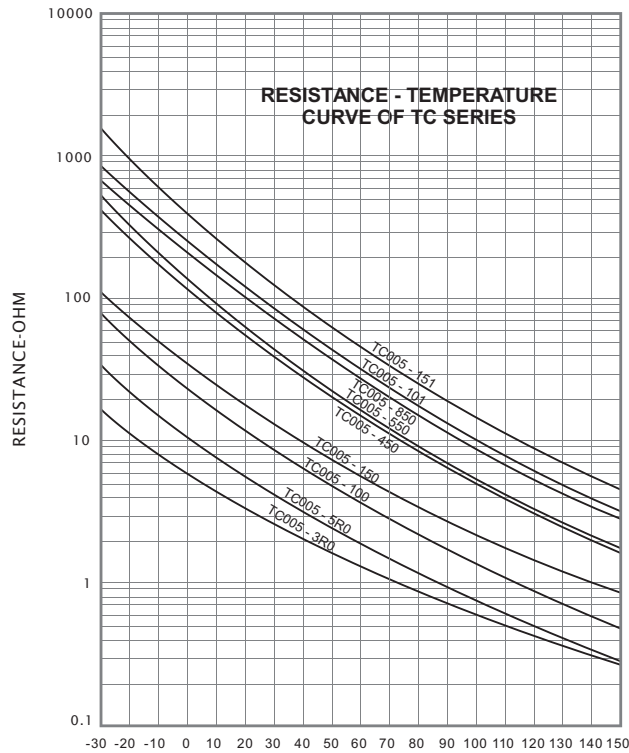
D max	T max	P ±0.5	d nom
6.5	5	3.5	0.5

* All sizes in mm

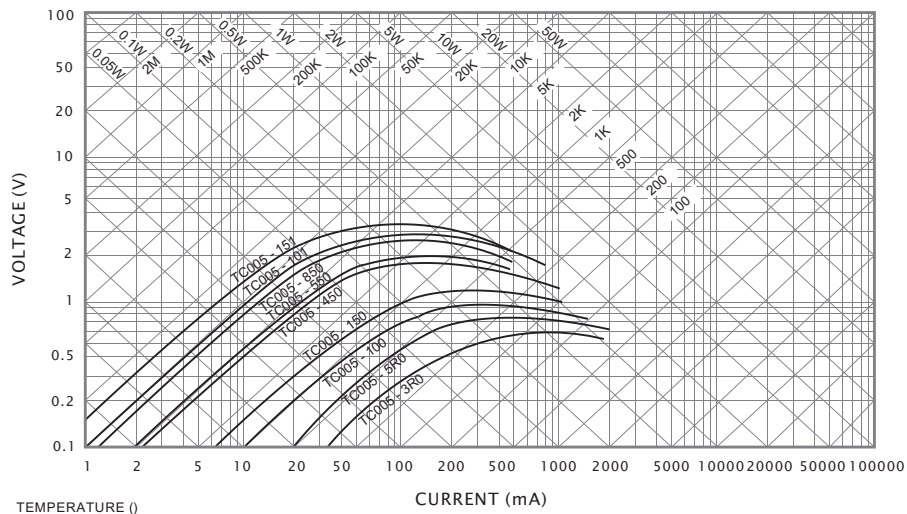


CHARACTERISTIC CURVES

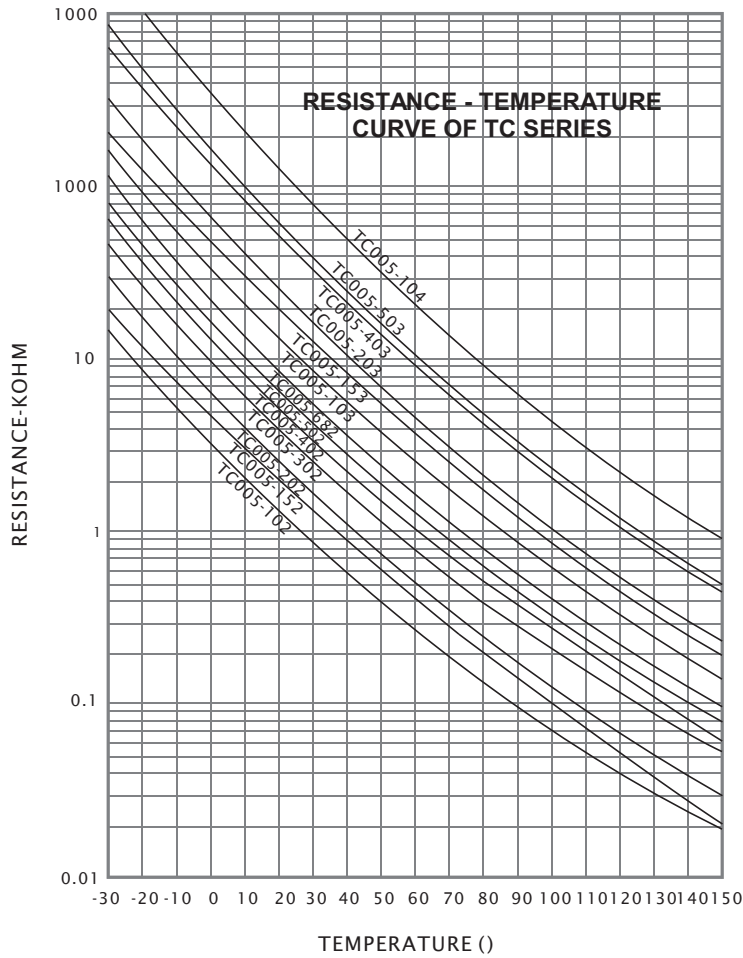
R-T CHARACTERISTIC CURVE



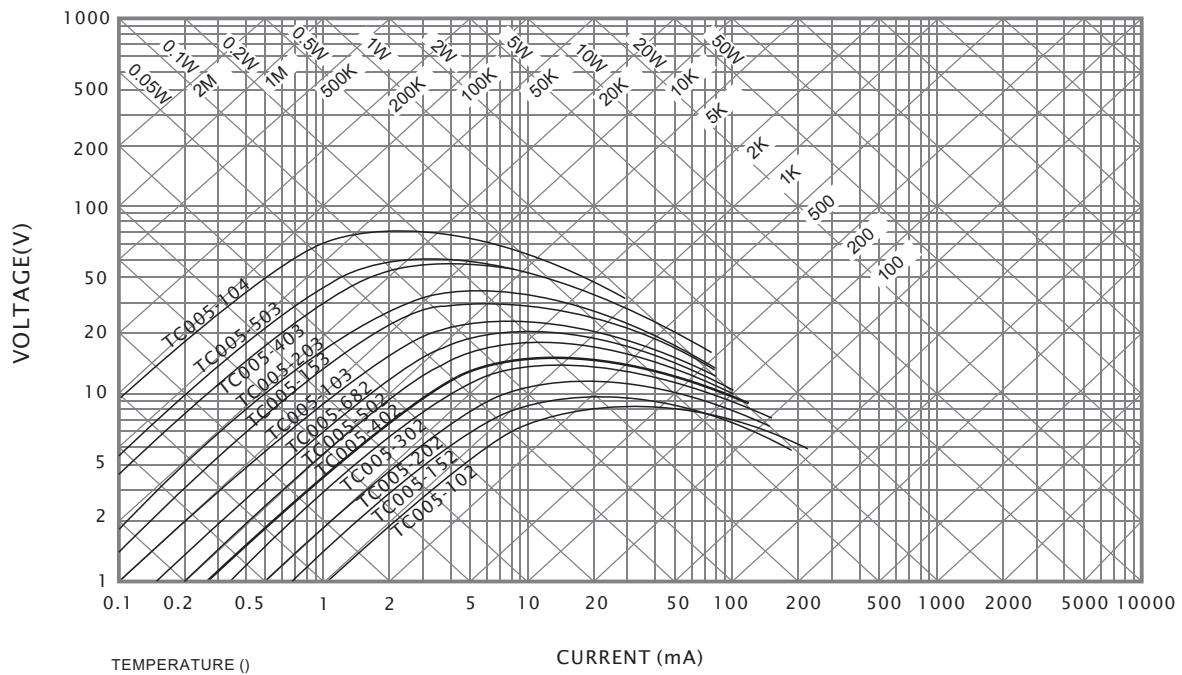
V-I CHARACTERISTIC CURVE



R-T CHARACTERISTIC CURVE



V-I CHARACTERISTIC CURVE



SPECIFICATIONS

Part Number	Zero Power Resistance at 25°C (Ω)	B-Constant (25/50) (K)	Max. Permissible Current at 25°C (mA)	Thermal Dissipation Constant (mW /°C)	Thermal Time Constant (sec)	Operating Temperature (°C)
TC005-3R0	3	2200	770	9	16	-30 ~ +125
TC005-5R0	5	2400	610	9	16	-30 ~ +125
TC005-7R0	7	2500	570	9	19	-30 ~ +125
TC005-100	10	2600	500	9	22	-30 ~ +125
TC005-150	15	2800	390	9	19	-30 ~ +125
TC005-200	20	2800	350	9	25	-30 ~ +125
TC005-250	25	2900	300	8	19	-30 ~ +125
TC005-400	40	3100	285	9	21	-30 ~ +125
TC005-450	45	3100	270	9	23	-30 ~ +125
TC005-500	50	3100	250	9	19	-30 ~ +125
TC005-600	60	3100	220	9	21	-30 ~ +125
TC005-850	85	3100	180	9	22	-30 ~ +125
TC005-101	100	3100	170	9	19	-30 ~ +125
TC005-121	120	3100	145	8	20	-30 ~ +125
TC005-131	130	3300	140	8	17	-30 ~ +125
TC005-151	150	3200	140	9	19	-30 ~ +125
TC005-181	180	3500	135	8	20	-30 ~ +125
TC005-201	200	3500	130	9	17	-30 ~ +125
TC005-221	220	3500	125	9	20	-30 ~ +125
TC005-251	250	3500	120	9	21	-30 ~ +125
TC005-301	300	3500	150	9	22	-30 ~ +125
TC005-351	350	3500	100	9	22	-30 ~ +125
TC005-471	470	3500	95	9	28	-30 ~ +125
TC005-501	500	3800	95	9	22	-30 ~ +125
TC005-681	680	3800	75	9	18	-30 ~ +125
TC005-701	700	3800	75	8	17	-30 ~ +125
TC005-901	900	3800	70	9	22	-30 ~ +125
TC005-102	1000	3800	70	9	22	-30 ~ +125
TC005-152	1500	3900	55	8	22	-30 ~ +125
TC005-192	1900	3900	55	9	22	-30 ~ +125
TC005-202	2000	3900	50	9	21	-30 ~ +125
TC005-222	2200	4000	50	9	21	-30 ~ +125
TC005-252	2500	4000	50	9	21	-30 ~ +125
TC005-302	3000	4000	40	9	20	-30 ~ +125
TC005-332	3300	4000	35	9	19	-30 ~ +125
TC005-352	3500	4000	35	9	16	-30 ~ +125
TC005-402	4000	4000	35	8	20	-30 ~ +125
TC005-472	4700	4000	30	8	21	-30 ~ +125
TC005-502	5000	3950	30	9	21	-30 ~ +125
TC005-602	6000	4050	30	8	22	-30 ~ +125
TC005-682	6800	4000	25	9	20	-30 ~ +125
TC005-802	8000	4050	25	8	23	-30 ~ +125
TC005-103	10000	4050	20	8	21	-30 ~ +125
TC005-123	12000	4050	20	8	18	-30 ~ +125
TC005-153	15000	4150	20	9	22	-30 ~ +125
TC005-203	20000	4250	20	9	23	-30 ~ +125
TC005-253	25000	4250	20	9	25	-30 ~ +125
TC005-303	30000	4250	15	9	26	-30 ~ +125
TC005-403	40000	4250	15	9	20	-30 ~ +125
TC005-473	47000	4300	15	9	20	-30 ~ +125
TC005-503	50000	4300	10	9	17	-30 ~ +125
TC005-683	68000	4300	10	10	17	-30 ~ +125
TC005-104	100000	4400	10	8	24	-30 ~ +125
TC005-154	150000	4500	5	8	17	-30 ~ +125
TC005-204	200000	4600	5	9	15	-30 ~ +125
TC005-334	330000	4600	4	9	16	-30 ~ +125
TC005-404	400000	4600	4	8	15	-30 ~ +125
TC005-474	470000	4600	3	9	14	-30 ~ +125