



FEATURES

- Fast Response
- High Accuracy
- Point or Curve Matched
- Customizable
- Cost Effective

APPLICATIONS

- Motors
- Air Sensors
 - HVAC
- Heat Sinks
- Automotive

PANT 103395-318

R @ 25°C	10 kOhm \pm 5%
Beta	3950 °K \pm 2%
Dissipation Constant	1.4 mW/°C
Thermal Time Constant	15 sec
Operating Range	-50°C - 150°C

Date:3/29/13

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Circuit Protection Thermistors

PANT 103395-318 Datasheet

R/T Curve Material "L"

T(°C)	R (KOhms)	T(°C)	R (KOhms)	T(°C)	R (KOhms)	T(°C)	R (KOhms)	T(°C)	R (KOhms)
-50	858.610	-10	58.246	30	8.0371	70	1.7598	110	0.5291
-49	793.414	-9	55.028	31	7.7001	71	1.7019	111	0.5151
-48	733.683	-8	52.011	32	7.3793	72	1.6463	112	0.5016
-47	678.919	-7	49.180	33	7.0738	73	1.5927	113	0.4884
-46	628.671	-6	46.522	34	6.7828	74	1.5412	114	0.4757
-45	582.535	-5	44.026	35	6.5055	75	1.4917	115	0.4633
-44	540.144	-4	41.681	36	6.2413	76	1.4440	116	0.4514
-43	501.167	-3	39.477	37	5.9894	77	1.3981	117	0.4398
-42	465.304	-2	37.405	38	5.7492	78	1.3539	118	0.4285
-41	432.283	-1	35.455	39	5.5201	79	1.3113	119	0.4176
-40	401.860	0	33.621	40	5.3015	80	1.2703	120	0.4071
-39	373.810	1	31.893	41	5.0928	81	1.2308	121	0.3968
-38	347.933	2	30.266	42	4.8936	82	1.1928	122	0.3869
-37	324.043	3	28.733	43	4.7034	83	1.1561	123	0.3773
-36	301.975	4	27.288	44	4.5217	84	1.1207	124	0.3679
-35	281.577	5	25.925	45	4.3481	85	1.0867	125	0.3588
-34	262.710	6	24.639	46	4.1822	86	1.0538	126	0.3500
-33	245.249	7	23.425	47	4.0236	87	1.0221	127	0.3415
-32	229.079	8	22.279	48	3.8720	88	0.9915	128	0.3332
-31	214.096	9	21.197	49	3.7269	89	0.9620	129	0.3251
-30	200.204	10	20.175	50	3.5882	90	0.9336	130	0.3173
-29	187.317	11	19.208	51	3.4554	91	0.9061	131	0.3097
-28	175.354	12	18.294	52	3.3283	92	0.8796	132	0.3023
-27	164.243	13	17.430	53	3.2066	93	0.8540	133	0.2951
-26	153.918	14	16.612	54	3.0901	94	0.8292	134	0.2882
-25	144.317	15	15.837	55	2.9784	95	0.8054	135	0.2814
-24	135.385	16	15.104	56	2.8715	96	0.7823	136	0.2748
-23	127.071	17	14.409	57	2.7690	97	0.7600	137	0.2684
-22	119.328	18	13.751	58	2.6707	98	0.7385	138	0.2622
-21	112.112	19	13.127	59	2.5765	99	0.7176	139	0.2562
-20	105.385	20	12.535	60	2.4862	100	0.6975	140	0.2503
-19	99.109	21	11.974	61	2.3995	101	0.6781	141	0.2446
-18	93.253	22	11.441	62	2.3163	102	0.6592	142	0.2390
-17	87.784	23	10.936	63	2.2365	103	0.6410	143	0.2336
-16	82.674	24	10.456	64	2.1599	104	0.6234	144	0.2284
-15	77.898	25	10.000	65	2.0864	105	0.6064	145	0.2233
-14	73.432	26	9.5668	66	2.0157	106	0.5899	146	0.2183
-13	69.253	27	9.1551	67	1.9479	107	0.5740	147	0.2134
-12	65.342	28	8.7636	68	1.8827	108	0.5585	148	0.2087
-11	61.678	29	8.3913	69	1.8200	109	0.5436	149	0.2041
-10	58.246	30	8.0371	70	1.7598	110	0.5291	150	0.1997