



Leaded PTC Thermistors For Overcurrent Protection

Dimensions in mm

- Features:**
- Short response times
 - UL approval for UL 1434 (file number E69802)
 - VDE approval (license number 104843 E)
- Applications:**
- Overcurrent and short-circuit protection

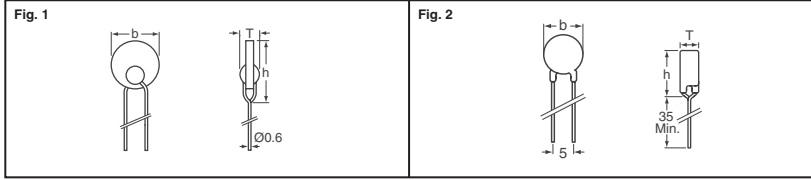


Fig.	Rated Resistance (Ω)	Rated Voltage (V)	Rated Current (mA)	Switch Current (mA)	Maximum Switch Current (A)	Dimensions mm			Digi-Key Part No.	Price Each			Epcos Part No.
						b	T	h		1	10	100	
1	25	380	123	245	2.0	12.5	7.0	16.5	495-3879-ND	2.85	2.30	1.80	B59750B0120A070
	50	380	87	173	2.0	12.5	7.0	16.5	495-3880-ND	2.85	2.30	1.80	B59751B0120A070
	70	380	64	127	1.4	8.5	7.0	12.0	495-3886-ND	1.85	1.50	1.15	B59770B0120A070
	80	380	69	137	2.0	12.5	7.0	16.5	495-3881-ND	2.85	2.30	1.80	B59752B0120A070
	120	380	56	112	2.0	12.5	7.0	16.5	495-3882-ND	2.85	2.30	1.80	B59753B0120A070
	150	380	43	86	1.4	8.5	7.0	12.0	495-3888-ND	1.85	1.50	1.15	B59772B0120A070
	150	380	50	100	2.0	12.5	7.0	16.5	495-3883-ND	2.85	2.30	1.80	B59754B0120A070
	500	500	28	55	1.4	12.5	7.0	16.5	495-3884-ND	2.85	2.30	1.80	B59755B0115A070
	500	500	24	48	1.0	8.5	7.0	12.0	495-3889-ND	1.85	1.50	1.15	B59773B0120A070
	1100	500	16	32	1.0	8.5	7.0	12.0	495-3890-ND	1.85	1.50	1.15	B59774B0115A070
7500	1000	8	17	0.5	12.5	7.0	16.5	495-3885-ND	4.98	4.43	3.55	B59758B0110A070	
2	0.8	24	850	1700	5.5	13.5	3.5	17.0	495-3897-ND	1.75	1.42	1.09	B59955C0120A070
	1.2	24	600	1200	4.3	11.0	3.5	14.5	495-3899-ND	1.50	1.21	.93	B59965C0120A070
	1.8	24	450	900	3.0	9.0	3.5	12.5	495-3901-ND	1.43	1.13	.85	B59975C0120A070
	4.6	24	250	500	1.0	6.5	3.5	10.0	495-3904-ND	1.23	.97	.73	B59985C0120A070
	5.6	63	250	500	4.3	11.0	3.5	14.5	495-3898-ND	1.50	1.22	.93	B59960C0120A070
	9.4	63	150	300	3.0	9.0	3.5	12.5	495-3900-ND	1.43	1.13	.85	B59970C0120A070
	10	230	200	400	2.2	13.5	5.0	17.0	495-3891-ND	1.93	1.56	1.20	B59850C0120A070
	13	24	120	240	0.7	4.0	3.5	7.5	495-3907-ND	1.03	.82	.61	B59995C0120A070
	15	230	140	280	1.5	11.0	5.0	14.5	495-3892-ND	1.59	1.28	.98	B59860C0120A070
	25	63	50	110	1.0	6.5	3.5	10.0	495-3902-ND	1.23	.97	.73	B59980C0080A070
	25	63	85	170	1.0	6.5	3.5	10.0	495-3903-ND	1.23	.97	.73	B59980C0120A070
	25	230	100	200	1.0	9.0	5.0	12.5	495-2613-ND	1.50	1.22	.93	B59870C0120A070
	55	63	30	60	0.7	4.0	3.5	7.5	495-3905-ND	1.03	.82	.61	B59990C0080A070
	55	63	50	100	0.7	4.0	3.5	7.5	495-3906-ND	1.03	.82	.61	B59990C0120A070
	70	230	55	110	0.4	6.5	5.0	10.0	495-2614-1-ND†	2.10	1.74	1.54	B59880C0120A051
	70	230	55	110	0.4	6.5	5.0	10.0	495-2614-2-ND‡		1072.91/1,500		B59880C0120A051
	150	230	30	60	0.2	4.0	5.0	7.5	495-3895-ND	1.23	.98	.73	B59890C0120A070
	1200	500	15	30	0.1	6.5	5.0	10.0	495-3893-ND	1.57	1.24	.93	B59885C0120A070
	1500	500	12	24	0.1	6.5	5.0	10.0	495-3894-ND	1.57	1.24	.93	B59886C0120A070

† Cut Tape ‡ Tape and Reel

Inrush Current Limiters



- Features:** • Usable in series connections up to 265Vrms • Coated thermistor disk • UL Approval (E69802) **Applications:** • Switch-mode power supplies
- Specifications:** • Climatic category: 55/170/21 • Tolerance: ±20%

Dimensions in mm

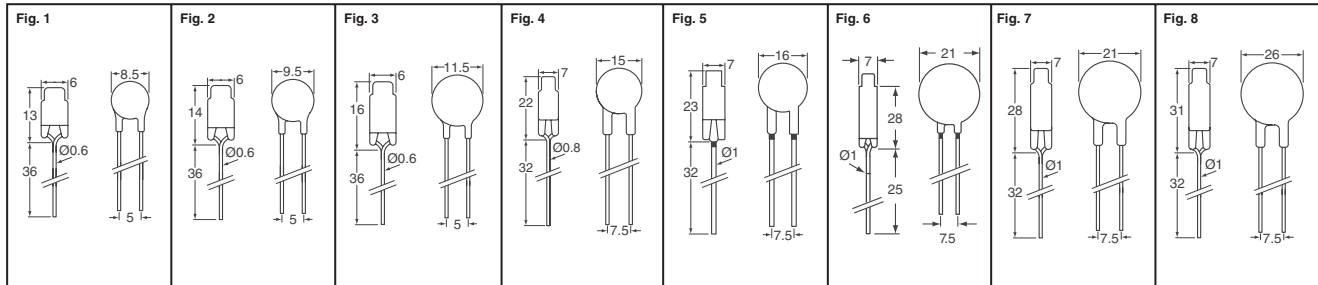


Fig.	Res. @ 25°C (Ω)	Imax (A) 0°C ~ 65°C	B25/100 (K)	Digi-Key Part No.	Pricing			Epcos Part No.
					1	10	100	
1	4.7	3.0	2800	495-2079-ND	1.67	12.32	84.45	B57153S0479M000
	10	2.0	2800	495-2076-ND	1.67	12.32	84.45	B57153S0100M000
	15	1.8	2900	495-2077-ND	1.67	12.32	84.45	B57153S0150M000
	33	1.3	3000	495-2078-ND	1.67	12.32	84.45	B57153S0330M000
2	5	4.2	2800	495-2093-ND	2.02	15.34	109.78	B57235S0509M000
	6	4.0	2800	495-3043-ND	2.02	15.34	109.78	B57235S0609M000
	8	3.5	2900	495-3044-ND	.68	5.91	46.38	B57235S0809M000
	10	3.0	2900	495-2092-ND	2.02	15.34	109.78	B57235S0100M000
3	2.5	5.5	2700	495-3049-ND‡	5.49	44.40	339.03	B57236S0259L002
	5	4.5	2800	495-3051-ND‡	2.60	20.56	154.13	B57236S0509L002
	5	4.5	2800	495-2096-ND	2.42	19.15	143.64	B57236S0509M000
	10	3.5	2900	495-2094-ND	2.42	19.15	143.64	B57236S0100M000
	12	3.2	2900	495-3045-ND	2.42	19.15	143.64	B57236S0120M000
	16	2.9	2965	495-3046-ND	2.42	19.15	143.64	B57236S0160M000
4	20	2.8	3065	495-3047-ND	2.42	19.15	143.64	B57236S0200M000
	25	2.5	3065	495-3048-ND	2.42	19.15	143.64	B57236S0250M000
	50	1.9	3165	495-2095-ND	2.42	19.15	143.64	B57236S0500M000
	1	9.0	2700	495-2098-ND	1.95	15.42	115.71	B57237S0109M000
	2.2	7.0	2800	495-3047-ND	1.95	15.42	115.71	B57237S0229M000
	2.5	6.5	2800	495-3056-ND	1.95	15.42	115.71	B57237S0259M000
5	4.7	5.1	2900	495-2099-ND	1.95	15.42	115.71	B57237S0479M000
	5	5.0	2900	495-2100-ND	1.95	15.42	115.71	B57237S0509M000
	10	3.7	3060	495-2097-ND	1.95	15.42	115.71	B57237S0100M000
	15	3.0	3000	495-3053-ND	1.95	15.42	115.71	B57237S0150M000
	22	2.8	3300	495-3054-ND	1.95	15.42	115.71	B57237S0220M000
	33	2.5	3300	495-3057-ND	1.95	15.42	115.71	B57237S0330M000

Fig.	Res. @ 25°C (Ω)	Imax (A) 0°C ~ 65°C	B25/100 (K)	Digi-Key Part No.	Pricing			Epcos Part No.
					1	10	100	
1	2.5	8.4	2800	495-3062-ND	2.04	16.12	120.90	B57238S0259M000
	4.7	6.6	2965	495-2102-ND	2.04	16.12	120.90	B57238S0479M000
	5	6.4	2965	495-2103-ND	2.04	16.12	120.90	B57238S0509M000
	10	5.0	3065	495-2101-ND	2.04	16.12	120.90	B57238S0100M000
	15	4.4	3165	495-3058-ND	2.04	16.12	120.90	B57238S0150M000
5	16	4.0	3165	495-3059-ND	2.37	18.72	140.40	B57238S0160M000
	22	4.0	3265	495-3060-ND	2.04	16.12	120.90	B57238S0220M000
	25	3.4	3265	495-3061-ND	2.37	18.72	140.40	B57238S0250M000
	1	16.0	2800	495-4157-ND	2.12	17.18	131.17	B57364S2109A002
	2	12.0	2900	495-4114-ND	5.65	45.69	348.92	B57364S209M
6	2	12.0	2900	495-4159-ND	2.12	17.18	131.17	B57364S2209A002
	2.5	11.0	2900	495-4158-ND	2.12	17.18	131.17	B57364S2259A002
	4	9.5	3060	495-4160-ND	2.12	17.18	131.17	B57364S2409A002
	5	8.5	3060	495-4161-ND	2.12	17.18	131.17	B57364S2509A002
	10	7.5	3300	495-4162-ND	2.12	17.18	131.17	B57364S2100A002
7	1	16.0	2800	495-1871-ND	5.65	45.69	348.92	B57364S0109M000
	2.5	11	2900	495-3063-ND	5.65	45.69	348.92	B57364S0259M000
	5	8.5	3060	495-2114-ND	5.65	45.69	348.92	B57364S0509M000
	10	7.5	3300	495-2112-ND	5.65	45.69	348.92	B57364S0100M000
8	1	20.0	2800	495-2123-ND	7.35	59.28	462.29	B57464S0109M000
	2	13.5	2900	495-4112-ND	3.68	29.64	231.14	B57464S209M000
	5	9.5	3060	495-4113-ND	3.68	29.64	231.14	B57464S0509M000
	10	8.0	3300	495-4111-ND	3.29	26.57	207.22	B57464S100M000

‡ Tolerance ±15%

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