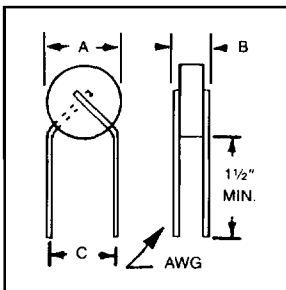


PTC THERMISTORS: STANDARD THERMISTORS



The values for Dissipation Constant and Time Constant listed in the table below are reference values. Actual values are a function of mounting, air flow and other factors which affect the PTC's ability to dissipate heat.

Standard PTCs are supplied uninsulated, but can be supplied with an insulation upon request.

Refer to page 10 for optional designs.

Operating Voltage	Type	R @ 25°C ± 5%	Transition Temp °C T _s	Dissipation Constant mW/°C	Time Constant Sec.	γ ^{1/2} Sec/°C	A Max.	B Max.	C Ref.	AWG No.
5	RL6505-5-110-5-PTO	5	110	18	70	8	.70	.16	.33	20
12	RL5305-1-120-12-PTO	1.0	120	14	50	8	.60	.15	.33	20
	RL5305-2-120-12-PTO	2.0	120	14	50	8	.60	.16	.33	20
	RL5305-2.5-110-12-PTO	2.5	110	14	50	8	.60	.16	.33	20
	RL4005-5.0-110-12-PTO	5.0	110	10	40	3	.45	.15	.25	24
	RL3005-10-110-12-PTO	10.0	110	7	35	2	.35	.15	.25	24
	RL3005-15-110-12-PTO	15.0	110	7	35	2	.35	.15	.25	24
	RL2006-20-80-12-PTO	20.0	80	6	30	1	.25	.15	.15	24
	RL3005-25-110-12-PTO	25.0	110	7	35	2	.35	.15	.25	24
25	RL7008-1.5-110-25-PTO	1.5	110	18	80	1.5	.75	.18	.33	20
	RL5008-3.0-110-25-PTO	3.0	110	14	50	8	.55	.18	.33	22
	RL5506-5.0-110-25-PTO	5.0	110	14	50	7	.60	.16	.33	22
	RL4006-10-110-25-PTO	10.0	110	10	40	4	.45	.17	.25	24
	RL3006-20-120-25-PTO	20.0	120	7	35	2	.35	.16	.25	22
	RL3006-30-110-25-PTO	30.0	110	7	35	2	.35	.15	.25	24
	RL3006-50-30-25-PTO	50.0	30	7	35	2	.35	.15	.25	24
	RL3006-50-40-25-PTO	50.0	40	7	35	2	.35	.15	.25	24
	RL3006-50-50-25-PTO	50.0	50	7	35	2	.35	.15	.25	24
	RL3006-50-60-25-PTO	50.0	60	7	35	2	.35	.15	.25	24
	RL3006-50-70-25-PTO	50.0	70	7	35	2	.35	.15	.25	24
	RL3006-50-80-25-PTO	50.0	80	7	35	2	.35	.15	.25	24
	RL3006-50-90-25-PTO	50.0	90	7	35	2	.35	.15	.25	24
	RL3006-50-100-25-PTO	50.0	100	7	35	2	.35	.15	.25	24
	RL3006-50-110-25-PTO	50.0	110	7	35	2	.35	.15	.25	24
	RL3006-50-120-25-PTO	50.0	120	7	35	2	.35	.15	.25	24
50	RL5506-5-65-50-PTO	5.0	65	14	50	7	.60	.18	.33	20
	RL5506-5-110-50-PTO	5.0	110	14	50	7	.60	.16	.33	22
	RL4508-7-110-50-PTO	7.0	110	12	45	6	.50	.18	.33	22
	RL4006-10-110-50-PTO	10.0	110	10	40	4	.45	.17	.25	24
	RL4508-15-110-50-PTO	15.0	110	12	45	6	.50	.18	.33	22
	RL4508-20-110-50-PTO	20.0	110	12	45	6	.50	.18	.33	22
	RL4010-50-110-50-PTO	50.0	110	12	60	6	.45	.20	.33	22
	RL2510-100-110-50-PTO	100.0	110	8	40	2	.30	.22	.15	22
	RL3312-200-110-50-PTO	200.0	110	9	45	5	.40	.23	.25	20
	RL2010-500-110-50-PTO	500.0	110	7	40	2	.25	.18	.15	24
120	RL7510-10-120-120-PTO	10.0	120	20	90	2.2	.80	.23	.33	18
	RL5512-15-110-120-PTO	15.0	110	14	90	1.4	.60	.23	.33	20
	RL6010-20-120-120-PTO	20.0	120	18	90	1.4	.65	.23	.33	20
	RL5510-25-60-120-PTO	25.0	60	15	90	1.2	.60	.22	.33	20
	RL4510-50-120-120-PTO	50.0	120	12	70	8	.50	.20	.33	22
	RL3510-100-110-120-PTO	100.0	110	11	45	5	.40	.20	.25	22
	RL2510-200-110-120-PTO	200.0	110	8	40	2	.30	.20	.15	22
240	RL6315-40-110-240-PTO	40.0	110	18	90	2.3	.65	.27	.33	18
	RL5515-50-65-240-PTO	50.0	65	17	80	1.8	.60	.27	.33	20
	RL6315-50-110-240-PTO	50.0	110	18	90	2.3	.65	.27	.33	18
	RL6015-100-120-240-PTO	100.0	120	18	90	2.1	.65	.27	.33	20
	RL6315-250-110-240-PTO	250.0	110	18	90	2.3	.65	.27	.33	18
	RL6315-500-110-240-PTO	500.0	110	18	90	2.3	.65	.27	.33	18
	RL3020-1000-100-240-PTO	1000.0	100	12	60	7	.35	.31	.25	20
	RL3020-1500-100-240-PTO	1500.0	100	12	60	7	.35	.31	.25	20
	RL3020-3000-100-240-PTO	3000.0	100	12	60	7	.35	.31	.25	20
	RL1710-25K-65-240-PTO	25000.0	65	8	40	1	.20	.20	.15	24
480	RL7020-1K-100-480-PTO	1000.0	100	18	90	3.8	.75	.32	.33	18
	RL5020-2K-100-480-PTO	2500.0	100	15	80	2.0	.55	.32	.33	18
	RL3020-5K-100-480-PTO	5000.0	100	12	60	7	.35	.31	.25	20

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