

Radial Lead Inductors

TRL1114 Type

TRL Series

FEATURES

- * Low DC resistance
- * High current handling capacities
- * Ideal for power supply line applications
- * non-flammable material (UL94V-0)

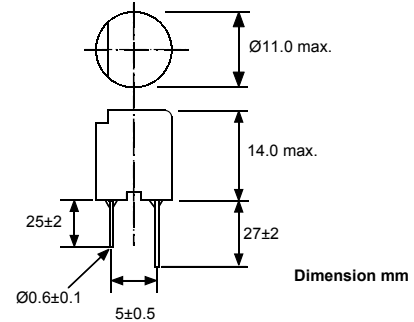
APPLICATIONS

- * Televisions, VCR, personal computers, and other electronic equipments.

SPECIFICATIONS

Operating temperature range	-25 ~ 85°C (Including self-temperature rise)
Storage temperature range	-40 ~ 85°C (unit of the products)
Terminal tensile strength	9.8N min.

SHAPES AND DIMENSIONS



ELECTRICAL CHARACTERISTICS

Inductance (μ H)	Inductance tolerance (%)	Q min.	Test frequency L/Q (Hz)	Self-resonant frequency (MHz) Typ.	DC resistance (Ω) max.	Rated current (A) *max.		Part No.
						Based on inductance change	Based on temperature rise	
3.3	± 20	30	1k/100K	58	0.018	10.4	6.4	TRL1114-3R3M
4.7	± 20	35	1k/100K	50	0.021	8.4	5.2	TRL1114-4R7M
6.8	± 20	35	1k/100K	30	0.026	7.2	4.3	TRL1114-6R8M
10	± 10	30	1k/100K	20	0.031	6.2	3.8	TRL1114-100K
15	± 10	30	1k/100K	9.8	0.038	5	3.4	TRL1114-150K
22	± 10	35	1k/100K	8.0	0.056	4.1	2.8	TRL1114-220K
33	± 10	35	1k/100K	7.2	0.070	3.2	2.5	TRL1114-330K
47	± 10	30	1k/100K	5.7	0.088	2.6	2.2	TRL1114-470K
68	± 10	30	1k/100K	5.2	0.13	2.2	1.8	TRL1114-680K
100	± 10	30	1k/100K	4.3	0.16	1.8	1.5	TRL1114-101K
150	± 10	40	1k/100K	3.2	0.28	1.4	1.1	TRL1114-151K
220	± 10	40	1k/100K	2.8	0.35	1.2	0.96	TRL1114-221K
330	± 10	40	1k/100K	2.3	0.55	1.0	0.76	TRL1114-331K
470	± 10	50	1k/100K	1.8	0.8	0.88	0.67	TRL1114-471K
680	± 10	50	1k/100K	1.4	1.1	0.72	0.59	TRL1114-681K
1000	± 10	50	1k/100K	1.2	1.6	0.64	0.48	TRL1114-102K
1500	± 10	50	1k/100K	1.0	2.2	0.48	0.4	TRL1114-152K
2200	± 10	70	1k/100K	0.84	3.5	0.4	0.32	TRL1114-222K
3300	± 10	80	1k/100K	0.6	5.5	0.32	0.25	TRL1114-332K
4700	± 10	80	1k/100K	0.55	7.6	0.27	0.18	TRL1114-472K
6800	± 10	80	1k/100K	0.46	11	0.24	0.16	TRL1114-682K
10000	± 10	80	1k/100K	0.37	17	0.2	0.14	TRL1114-103K
15000	± 10	80	1k/100K	0.3	25	0.16	0.11	TRL1114-153K

*Rated current: Value obtained when current flows and the temperature has risen to 40°C or when DC current flows and the initial value of inductance has fallen by 10%, whichever is smaller.

*All specifications are subject to change without notice

POWER-MAG