

# Radial Lead Inductors

## TRL0711 Type

# TRL Series

### FEATURES

- \* Low DC resistance
- \* High current handling capacities
- \* Ideal for power supply line applications
- \* non-flammable material (UL94V-2)

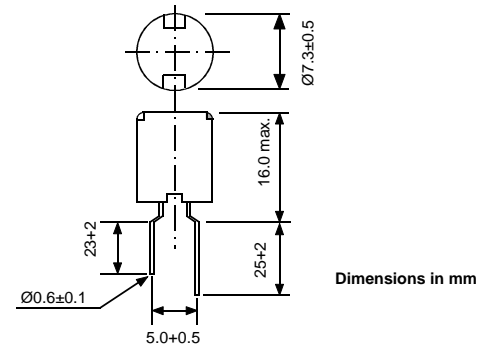
### APPLICATIONS

- \* 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 (μH)	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	
1	±20	40	1k/100K	168	0.0076	5.3	8.6	TRL0711-1R0M
1.5	±20	45	1k/100K	120	0.0117	4.8	7.1	TRL0711-1R5M
2.2	±20	45	1k/100K	100	0.0131	4.2	6.8	TRL0711-2R2M
3.3	±20	40	1k/100K	70	0.0163	3.6	5.7	TRL0711-3R3M
4.7	±20	40	1k/100K	44	0.02	3.1	4.7	TRL0711-4R7M
6.8	±20	40	1k/100K	28	0.03	2.5	3.7	TRL0711-6R8M
10	±10	55	1k/100K	21	0.048	2.0	2.7	TRL0711-100K
15	±10	55	1k/100K	19	0.06	1.7	2.3	TRL0711-150K
22	±10	50	1k/100K	15	0.085	1.4	2.1	TRL0711-220K
33	±10	55	1k/100K	11.5	0.12	1.1	1.6	TRL0711-330K
47	±10	55	1k/100K	10	0.17	0.95	1.3	TRL0711-470K
68	±10	55	1k/100K	7.7	0.23	0.8	1.1	TRL0711-680K
100	±10	60	1k/100K	6.3	0.34	0.65	0.95	TRL0711-101K
150	±10	70	1k/100K	5	0.48	0.54	0.85	TRL0711-151K
220	±10	70	1k/100K	4.3	0.63	0.45	0.75	TRL0711-221K
330	±10	80	1k/100K	3.6	0.95	0.37	0.6	TRL0711-331K
470	±10	80	1k/100K	2.8	1.23	0.31	0.48	TRL0711-471K
680	±10	90	1k/100K	2.2	1.96	0.25	0.42	TRL0711-681K
1000	±10	95	1k/100K	1.9	2.6	0.21	0.37	TRL0711-102K
1500	±10	100	1k/100K	1.5	4.4	0.17	0.28	TRL0711-152K

\*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