

# Radial Lead Inductors

## TRL0910 Type

# TRL Series

### FEATURES

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

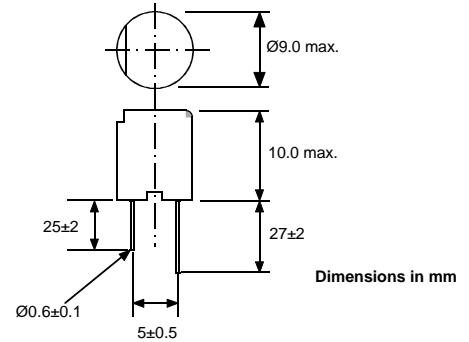
### APPLICATIONS

- \* 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 ( $\mu$ H)	Inductance tolerance (%)	Q min.	Test frequency L/Q (Hz)	Self-resonant frequency (MHz) Typ.	DC resistance ( $\Omega$ ) max.	Rated current (A) *max.		Part No.
						Based on inductance change	Based on temperature rise	
3.3	$\pm 20$	25	1k/100K	45	0.014	5.6	6	TRL0910-3R3M
4.7	$\pm 20$	26	1k/100K	30	0.0195	4.3	5	TRL0910-4R7M
6.8	$\pm 20$	36	1k/100K	24	0.0305	4	3.7	TRL0910-6R8M
10	$\pm 10$	30	1k/100K	21	0.0425	3.4	3.2	TRL0910-100K
15	$\pm 10$	23	1k/100K	16	0.052	2.9	2.9	TRL0910-150K
22	$\pm 10$	30	1k/100K	13	0.0758	2.3	2.3	TRL0910-220K
33	$\pm 10$	30	1k/100K	10	0.11	2	2	TRL0910-330K
47	$\pm 10$	33	1k/100K	9	0.14	1.7	1.5	TRL0910-470K
68	$\pm 10$	33	1k/100K	8	0.2	1.4	1.3	TRL0910-680K
100	$\pm 10$	33	1k/100K	6.1	0.3	1.1	1.1	TRL0910-101K
150	$\pm 10$	42	1k/100K	4.4	0.43	0.9	0.95	TRL0910-151K
220	$\pm 10$	46	1k/100K	4	0.61	0.77	0.7	TRL0910-221K
330	$\pm 10$	60	1k/100K	3.1	1.0	0.63	0.52	TRL0910-331K
470	$\pm 10$	60	1k/100K	2.7	1.2	0.54	0.46	TRL0910-471K
680	$\pm 10$	62	1k/100K	2.3	1.8	0.44	0.4	TRL0910-681K
1000	$\pm 10$	68	1k/100K	1.7	2.6	0.36	0.31	TRL0910-102K
1500	$\pm 10$	80	1k/100K	1.4	4.1	0.3	0.25	TRL0910-152K

\*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