

Type LT Series

The LT temperature sensing resistors are trimmed to specification on latest equipment. The case construction epoxy coated with axial leads, permits automatic insertion with available tape and reel packaging.

Key Features

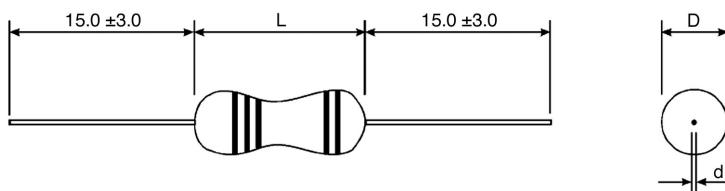
- Insulated Package Style
- Positive Temperature Coefficient
- Supplied on Tape for Auto Insertion
- 0.16 Watts or 0.25 Watts Available
- Wide Operating Temperature Range
- Available with Pre Formed Leads

Characteristics - Electrical

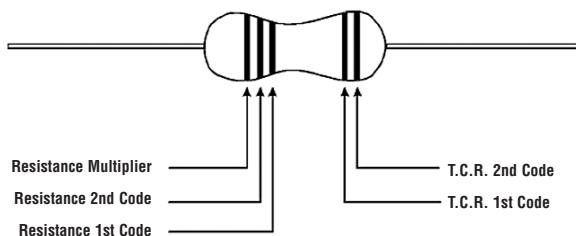
	Style 16	Style 14
Resistance Range:	10R to 5K1	10R to 10K
Resistance Values:	E24 Grid	E24 Grid
Resistance Tolerance:	±5%	±5%
T.C.R. Tolerance:	±10%	±10%
Power Rating (Watts):	0.16 Watts at 70°C	0.25 Watts at 70°C
Withstand Voltage:	300V	500V
Short Time Overload:	2.5 x Rated Voltage for 5 Seconds	2.5 x Rated Voltage for 5 Seconds

Characteristics - Environmental

Operating Temperature Range:	-40°C to +125°C
Load Life at 70°C:	±3% +0.05 ohms (after 1000 hours)
Temperature Cycling:	-40°C to +125°C (5 cycles)
Moisture Resistance:	±3% +0.05 ohms (after 1000 hours at 40°C, 95% RH)

Dimensions

Style	L Max.	D	d
LTxxxx16	3.4	1.7 ± 0.2	0.45
LTxxxx14	6.8	2.3 ± 0.3	0.60

Marking**How to Order**

LT	3000	16	T26	1K0	J
Common Part	T.C.R.	Power Rating	Packaging	Resistance Value	Tolerance
LT - Linear Positive TCR Thermistor Sensor	3000 - 3000ppm/°C 3300 - 3300ppm/°C	16 - 0.16 Watts 14 - 0.25 Watts	T-26 Taped and Ammo Packed	1 ohm (1 ohm) 1R0 1K ohm (1000 ohms) 1K0	J - 5%

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[LT300016T261K0J](#)