

Type LT Series

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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

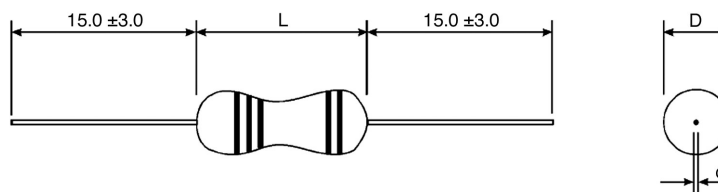
**Characteristics - Electrical**

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

**Characteristics - Environmental**

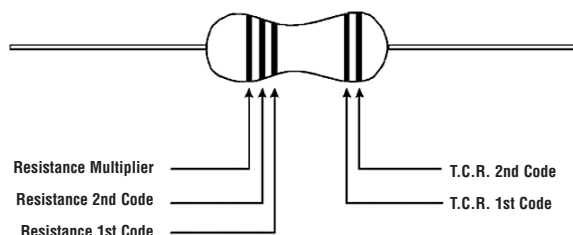
<b>Operating Temperature Range:</b>	-40°C to +125°C
<b>Load Life at 70°C:</b>	±3% +0.05 ohms (after 1000 hours)
<b>Temperature Cycling:</b>	-40°C to +125°C (5 cycles)
<b>Moisture Resistance:</b>	±3% +0.05 ohms (after 1000 hours at 40°C, 95% RH)

**Dimensions**



Style	L Max.	D	d
LTxxx16	3.4	1.7 ± 0.2	0.45
LTxxx14	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

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[LT300014T2610KJ](#)