



## Linear P.T.C. Thermistor



## 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

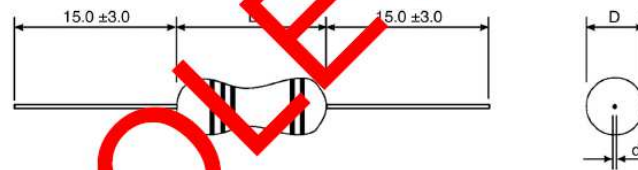
## Characteristics - Electrical

	Style 16	Style 14
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

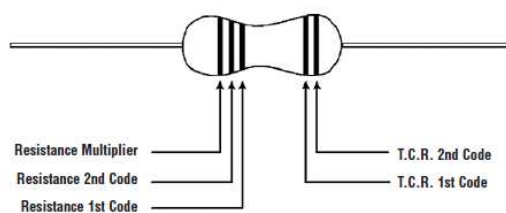
## Characteristics - Environmental

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 70°C, 95% RH)

## Dimensions



Style	L Max.	D	d
xxxxx16	3.4	1.7 ± 0.2	0.45
xxxxx14	6.8	2.3 ± 0.3	0.60



## 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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[LT300014T261K0J](#)