tyco

Electronics





Creec

Type LT Series

## Characteristics -Electrical

Type LT Series

	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

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 -Environmental

Operating Temperature Range:		o +125°C		
Load Life at 70°C:		.05 ohms (after 1 J	) hours)	
Temperature Cycling:		o +125°C (5 c) (3s)		
Moisture Resistance:	±3% +0	.05 ohms atter	nours at C.	95% RH)
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Intensions				
15.0 ±3.0		1. 15.0 ±3.0		L D I
15.0 ±3.0 →		5.0 ±3.0		<b>→</b> →
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	L Max.	D	d	
Si, Txxxx16	3.4	1.7 ± 0.2	0.45	-
xxxx14	6.8	2.3 ± 0.3	0.60	2
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Resistance Multipli	er		- T.C.R. 2nd Code	<b></b>
Resistance Multipli Resistance 2nd Co	200		— T.C.R. 2nd Code — T.C.R. 1st Code	

How to Order LT	3000	16	T26	1K0	J
Common Part	T.C.R	<b>Power Rating</b>	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%

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Dimensions in millimetres unless otherwise specified Dimensions Shown for reference purposes only. Specifications subject to change

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