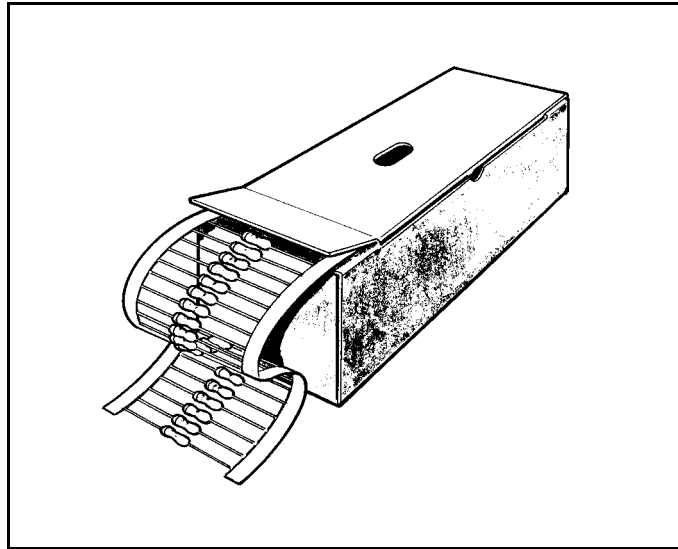


TYPE LT SERIES17th February 2004
ISSUE 6**Linear P.T.C. Thermistor****TYPE LT SERIES**

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

- Very Low Cost
- 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

STOCKISTS:

This product is stocked by Farnell

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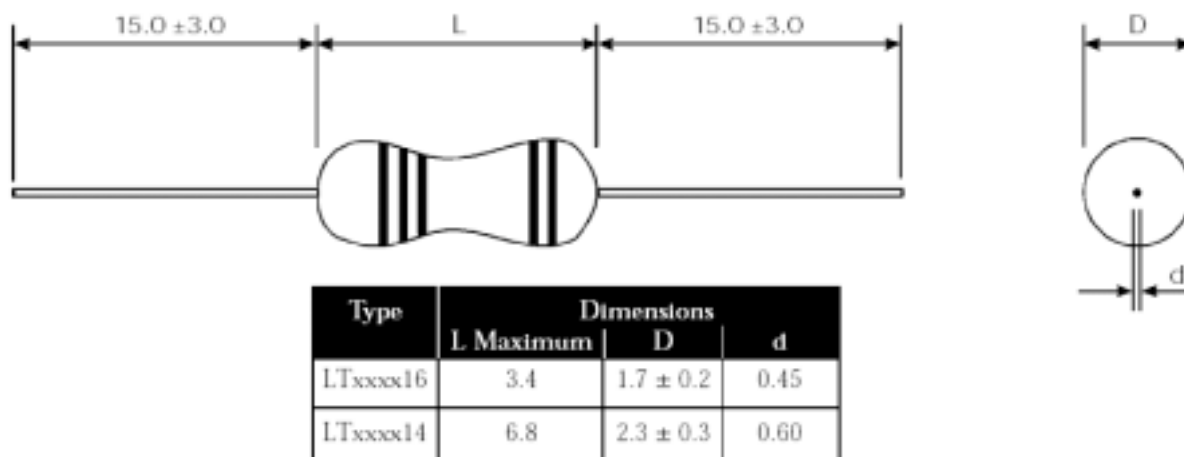
ELECTRICAL

	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
Rotational Noise (CVR):	<100,000 Meg	<100,000 Meg
Short Time Overload:	2.5 x Rated Voltage for 5 Seconds	2.5 x Rated Voltage for 5 Seconds

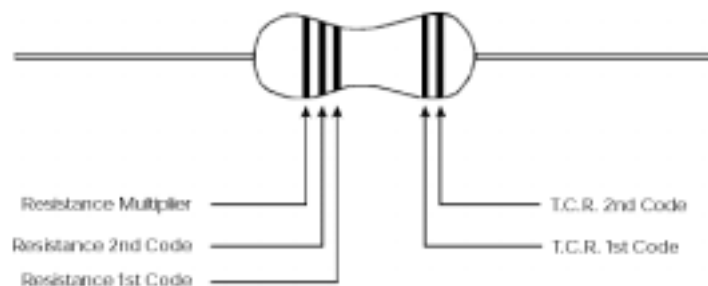
ENVIRONMENTAL

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



MARKING



HOW TO ORDER

LT	3000	16	T26	1K0	J
COMMON PART	T.C.R.	POWER RATING	PACKAGING	RESISTOR VALUE	TOLERANCE
LT - Linear Positive TCR Thermistor Sensor	3000 - 3000ppm/°C 3300 - 3300ppm/°C	16 - 0.16 Watts 14 - 0.25 Watts	T26 - Taped and Ammo Packed	1 ohm 1 K ohm (1 ohm) (1000 ohms) 1R0 1K0	J - 5%

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