

# PRECISION WIREWOUND RESISTORS AXIAL OR RADIAL LEADED

LB450, LT450, LB500, LT500, LB600, LT600

HIGH OHMIC VALUES, LOW TEMPERATURE RISE  
GOOD LONG-TERM STABILITY, IDEAL FOR HIGH VOLTAGE MEASUREMENT APPLICATIONS

TYPE	DIMENSIONS (mm) BODY LEADS	BEST TOLERANCE	OHMIC RANGE	MAXIMUM BODY TEMP	TEMP RISE	VOLTAGE RATING @ 70°C
LB450 LT450	18.7 x ø13.8 38 x ø0.9	±1% ±0.05% ±0.02% ±0.01% ±0.005% ±0.002%	1R0 - 5M0 2R0 - 5M0 5R0 - 5M0 10R - 5M0 100R - 5M0 1K0 - 5M0	+135°C	0.09°C/mW	750V dc
LB500 LT500	29.5 x ø13.8 38 x ø0.9	±1% ±0.05% ±0.02% ±0.01% ±0.005% ±0.002%	1R0 - 10M 2R0 - 10M 5R0 - 10M 10R - 10M 100R - 10M 1K0 - 10M	+135°C	0.065°C/mW	1000V dc
LB600 LT600	32.4 x ø20.9 38 x ø0.9	±1% ±0.01% ±0.005% ±0.002%	1R0 - 10M 10R - 10M 100R - 10M 1K0 - 10M	+135°C	0.05°C/mW	1500V dc

## LB450, LT450

## LB500, LT500

## LB600, LT600

LONG TERM DRIFT  
RECOMMENDED POWER At +20°C  
MAXIMUM POWER At +20°C  
THERMAL EMF

<±0.002%/2000 hours  
800mW (At +70°C 500mW)  
1.2W (At +70°C 800mW)  
<0.5µV/°C: Above 16K  
<1.8µV/°C: Below 16K

<±0.002%/2000 hours  
1W (At +70°C 600mW)  
1.7W (At +70°C 1.1W)  
<0.5µV/°C: Above 20K  
<1.8µV/°C: Below 20K

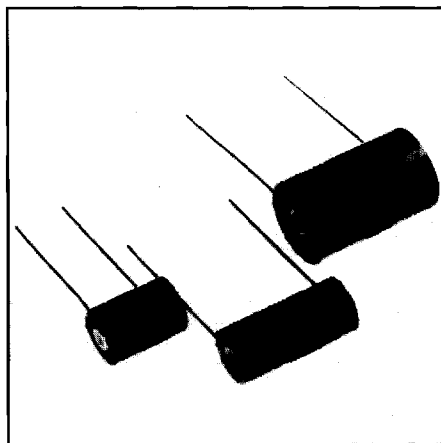
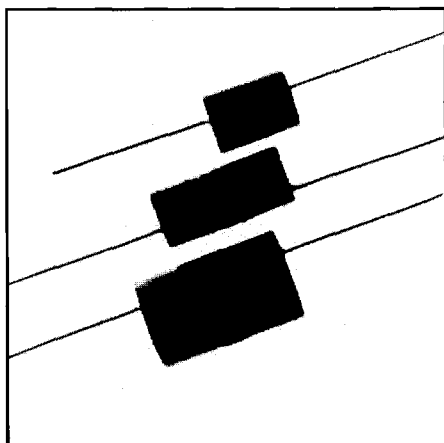
<±0.002%/2000 hours  
1.2W (At +70°C 800mW)  
2.2W (At +70°C 1.4W)  
<0.5µV/°C: Above 40K  
<1.8µV/°C: Below 40K

TEMPERATURE COEFFICIENT Standard:  
OF RESISTANCE Suffix B:  
Suffix C:

<±10ppm/°C  
<±5ppm/°C  
<±3ppm/°C

<±10ppm/°C  
<±5ppm/°C  
<±3ppm/°C

<±10ppm/°C  
<±5ppm/°C  
<±3ppm/°C



Notes:  
Order type LT for axial leaded and  
type LB for radial leaded applications.  
These components have four section  
bobbins wound in opposition. For  
low inductance specify suffix T.

Lead Spacing:  
LB450 12.5mm  
LB500 24.5mm  
LB600 25.4mm

Ordering Example

Type  
**LT450**

TCR  
**/C**

Low Inductance  
**/T**

Value  
**7K0**

Tolerance  
**±0.005%**