

## Wire-wound Chip Inductors (LB series)[LBC]

## LBC2518T330K



## ■ Features

- Item Summary  
33uH±10%, 0.185A, 1007/2518 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Embossed 2000pcs

## ■ Products characteristics table

Inductance	33 uH ± 10 %
Case Size (EIA/JIS)	1007/2518
Rated Current (max)	0.185 A
DC Resistance (max)	1.95 Ω
DC Resistance (typ)	1.5 Ω
LQ Measuring Frequency	2.52 MHz
Self Resonant Frequency (min)	15 MHz
Operating Temp. Range	-40 to +105 °C (Including-self-generated heat)
Temperature characteristic (Inductance change)	± 25 %
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

## ■ External Dimensions

Dimension L	2.5 ±0.2 mm
Dimension W	1.8 ±0.2 mm
Dimension T	1.8 ±0.2 mm
Dimension e	0.5 ±0.2 mm

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The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
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 Before making final selection, please check product specification.

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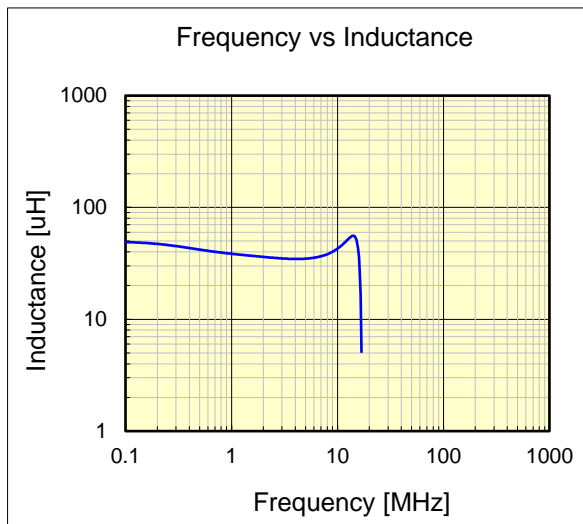
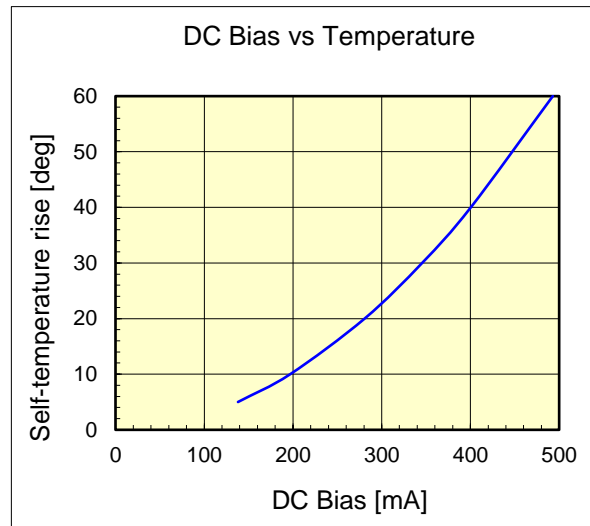
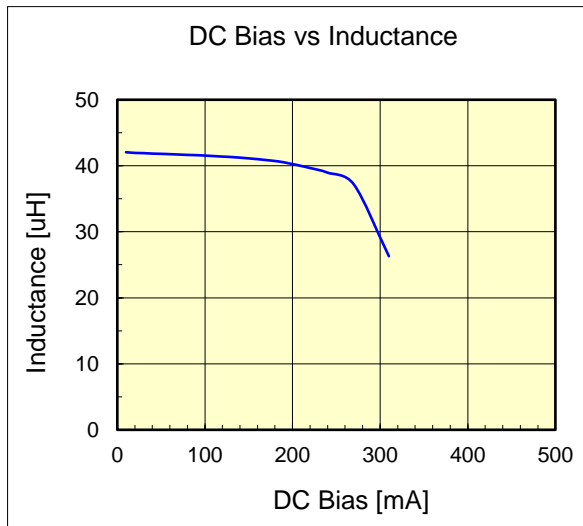
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Dimension	unit : mm	unit : inch
Length :	2.5 +/- 0.2	(0.098 +/- 0.008)
Width :	1.8 +/- 0.2	(0.071 +/- 0.008)
Height :	1.8 +/- 0.2	(0.071 +/- 0.008)

Inductance :	33	uH	( test freq at 2.52MHz )
DC Resistance :	1.5 / 1.95	ohm	( typ / max )
Rated Current :	185	mA	

Rated current typical : 10% reduction from initial L value.  
and Temperature will rise by 20 deg C



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