

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

## LBC3225T1R5MR



## ■ Features

- Item Summary  
1.5uH±20%, 1A, 1210/3225 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Embossed 1000pcs

## ■ Products characteristics table

Inductance	1.5 uH ± 20 %
Case Size (EIA/JIS)	1210/3225
Rated Current (max)	1 A
DC Resistance (max)	78 mΩ
DC Resistance (typ)	60 mΩ
LQ Measuring Frequency	0.1 MHz
Self Resonant Frequency (min)	220 MHz
Operating Temp. Range	-40 to +105 °C (Including-self-generated heat)
Temperature characteristic (Inductance change)	± 20 %
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

## ■ External Dimensions

Dimension L	3.2 ±0.2 mm
Dimension W	2.5 ±0.2 mm
Dimension T	2.5 ±0.2 mm
Dimension e	0.6 ±0.3 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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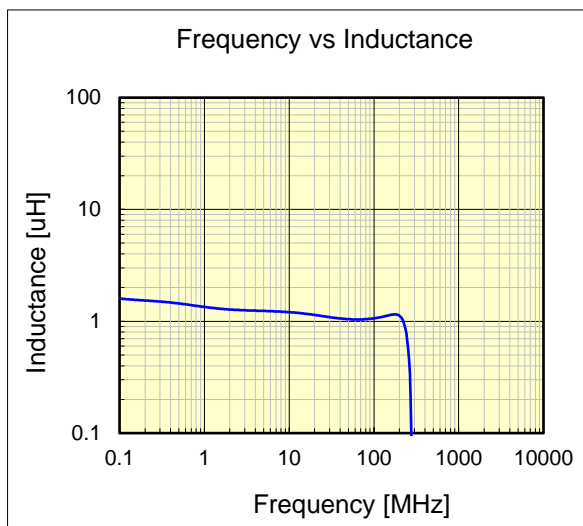
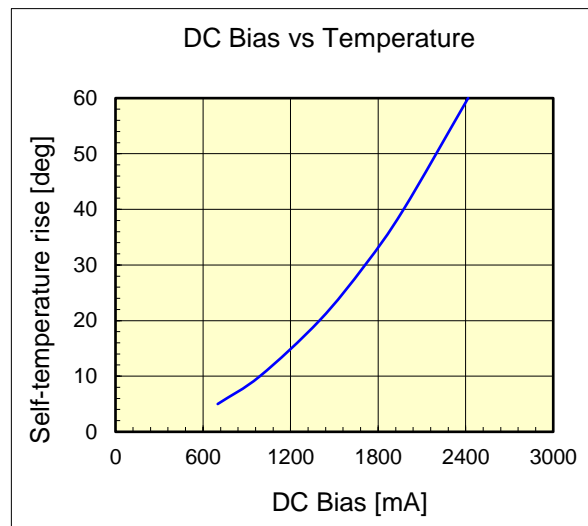
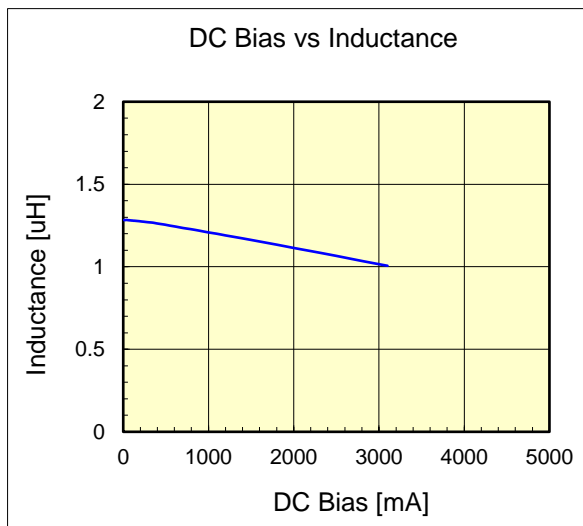
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Dimension	unit : mm	unit : inch
Length :	3.2 +/- 0.2	( 0.126 +/- 0.008 )
Width :	2.5 +/- 0.2	( 0.098 +/- 0.008 )
Height :	2.5 +/- 0.2	( 0.098 +/- 0.008 )

Inductance :	1.5	$\mu$ H	( test freq at 0.1MHz )
DC Resistance :	0.06 / 0.078	ohm	( typ / max )
Rated Current :	1,000	mA	

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



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