

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

## LB3218T101K



## ■ Features

- Item Summary  
100uH±10%, 0.14A, 1207/3218 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Embossed 2000pcs

## ■ Products characteristics table

Inductance	100 uH ± 10 %
Case Size (EIA/JIS)	1207/3218
Rated Current (max)	0.14 A
DC Resistance (max)	3.12 Ω
DC Resistance (typ)	2.4 Ω
LQ Measuring Frequency	0.796 MHz
Self Resonant Frequency (min)	8 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	3.2 ±0.2 mm
Dimension W	1.8 ±0.2 mm
Dimension T	1.8 ±0.2 mm
Dimension e	0.6 ±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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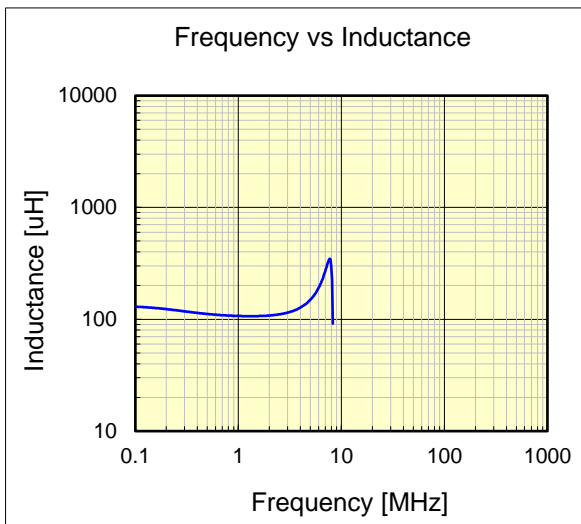
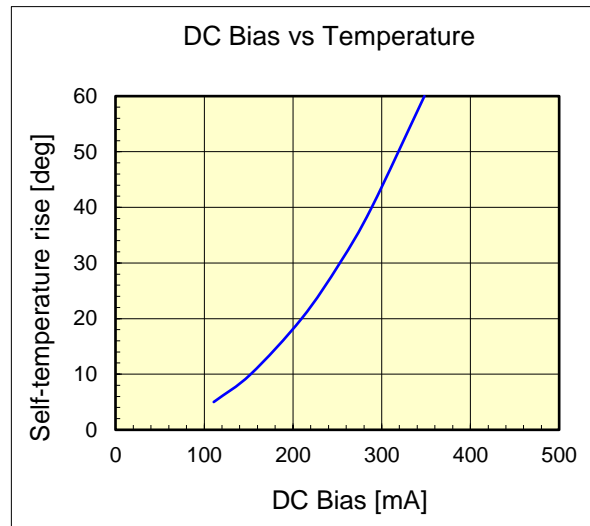
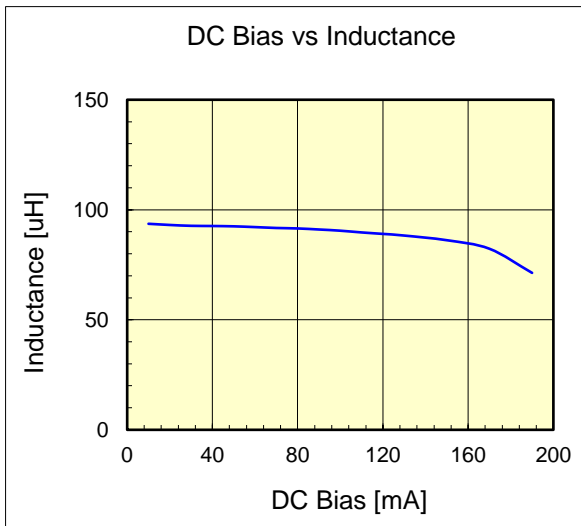
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Dimension	unit : mm	unit : inch
Length :	3.2 +/- 0.2	( 0.126 +/- 0.008 )
Width :	1.8 +/- 0.2	( 0.071 +/- 0.008 )
Height :	1.8 +/- 0.2	( 0.071 +/- 0.008 )

Inductance :	100	uH	( test freq at 0.796MHz )
DC Resistance :	2.4 / 3.12	ohm	( typ / max )
Rated Current :	140	mA	

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



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