

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

## LB2012T4R7M



## ■ Features

- Item Summary  
4.7uH±20%, 0.19A, 0805/2012 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Embossed 3000pcs

## ■ Products characteristics table

Inductance	4.7 uH ± 20 %
Case Size (EIA/JIS)	0805/2012
Rated Current (max)	0.19 A
DC Resistance (max)	0.52 Ω
DC Resistance (typ)	0.4 Ω
LQ Measuring Frequency	7.96 MHz
Self Resonant Frequency (min)	45 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	2.0 ±0.2 mm
Dimension W	1.25 ±0.2 mm
Dimension T	1.25 ±0.2 mm
Dimension e	0.5 ±0.2 mm

2017.04.30

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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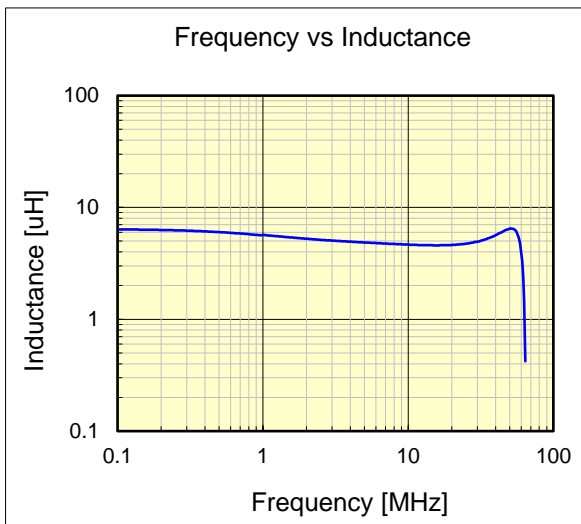
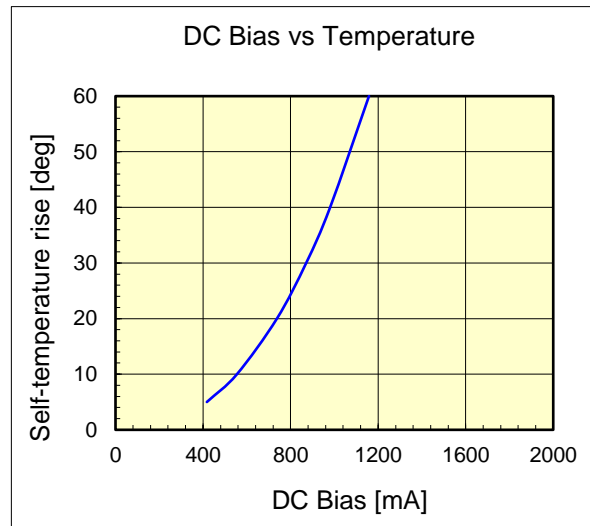
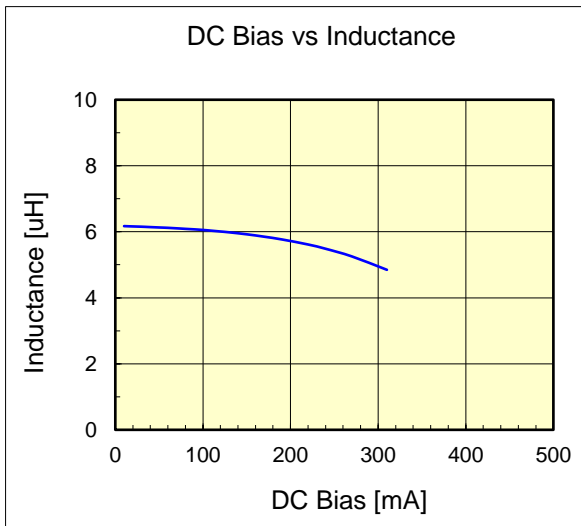
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Dimension	unit : mm	unit : inch
Length :	2.0 +/- 0.2	(0.079 +/- 0.008)
Width :	1.25 +/- 0.2	(0.049 +/- 0.008)
Height :	1.25 +/- 0.2	(0.049 +/- 0.008)

Inductance :	4.7	uH	( test freq at 7.96MHz )
DC Resistance :	0.4 / 0.52	ohm	( typ / max )
Rated Current :	190	mA	

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



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