

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

## LB3218T1R0M



## ■ Features

- Item Summary  
1.0uH±20%, 1.075A, 1207/3218 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Embossed 2000pcs

## ■ Products characteristics table

Inductance	1.0 uH ± 20 %
Case Size (EIA/JIS)	1207/3218
Rated Current (max)	1.075 A
DC Resistance (max)	78 mΩ
DC Resistance (typ)	60 mΩ
LQ Measuring Frequency	7.96 MHz
Self Resonant Frequency (min)	100 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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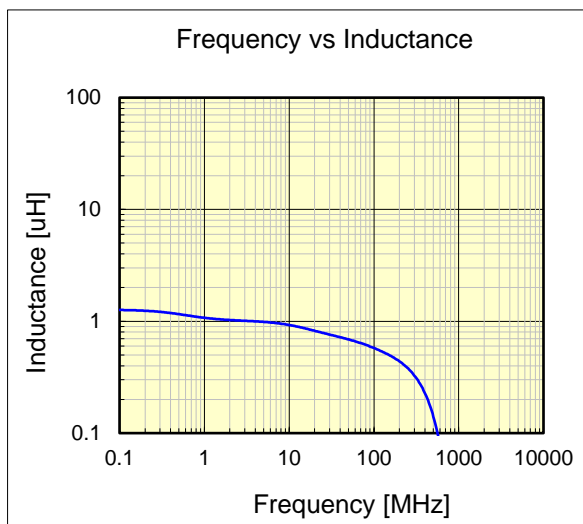
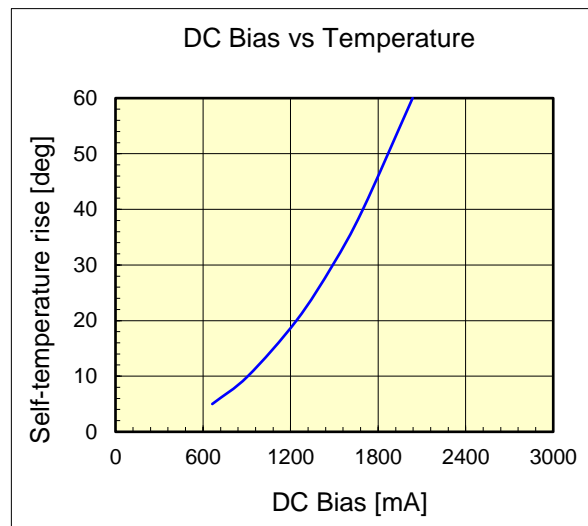
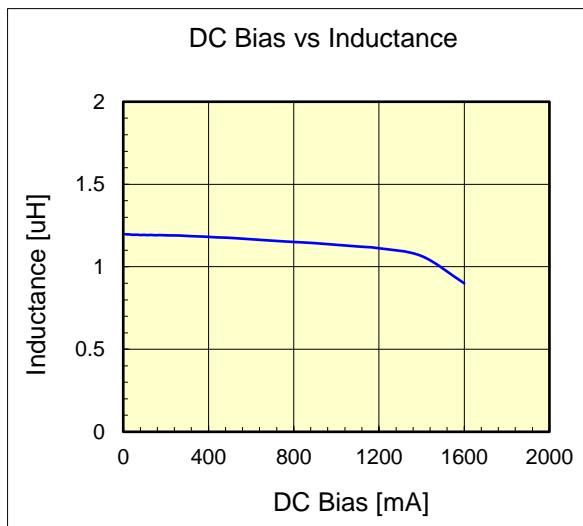
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Dimension	unit : mm	unit : inch
Length :	3.2 +/- 0.2	( 0.126 +/- 0.008 )
Width :	1.8 +/- 0.2	( 0.071 +/- 0.008 )
Height :	1.8 +/- 0.2	( 0.071 +/- 0.008 )

Inductance : 1.0 uH ( test freq at 7.96MHz )  
DC Resistance : 0.06 / 0.078 ohm ( typ / max )  
Rated Current : 1,075 mA

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



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