

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

LBC3225T470MR



■ Features

- Item Summary
47 μ H \pm 20%, 0.22A, 1210/3225 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 1000pcs

■ Products characteristics table

Inductance	47 μ H \pm 20 %
Case Size (EIA/JIS)	1210/3225
Rated Current (max)	0.22 A
DC Resistance (max)	0.871 Ω
DC Resistance (typ)	0.67 Ω
LQ Measuring Frequency	0.1 MHz
Self Resonant Frequency (min)	10 MHz
Operating Temp. Range	-40 to +105 $^{\circ}$ C (Including-self-generated heat)
Temperature characteristic (Inductance change)	\pm 20 %
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

■ External Dimensions

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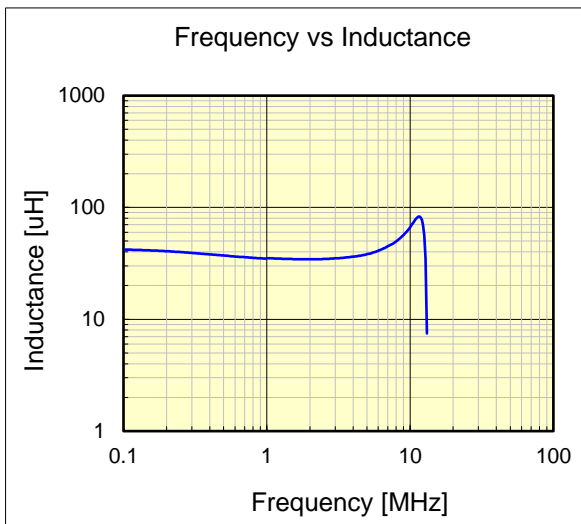
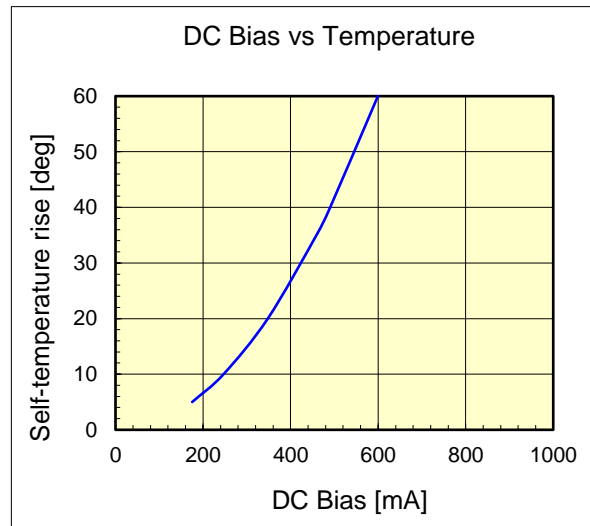
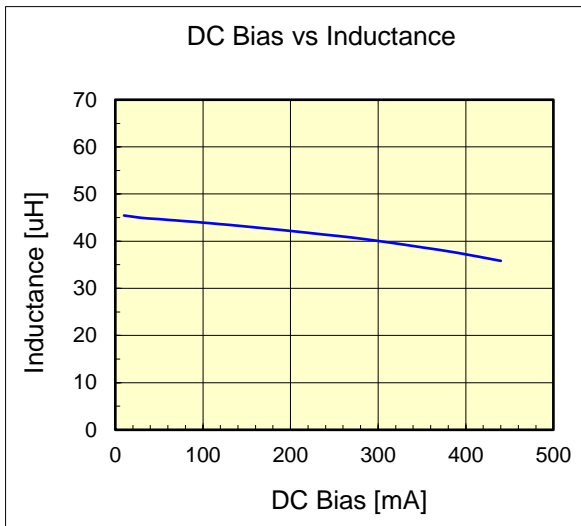
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Dimension	unit : mm	unit : inch
Length :	3.2 +/- 0.2	(0.126 +/- 0.008)
Width :	2.5 +/- 0.2	(0.098 +/- 0.008)
Height :	2.5 +/- 0.2	(0.098 +/- 0.008)

Inductance :	47	uH	(test freq at 0.1MHz)
DC Resistance :	0.67 / 0.871	ohm	(typ / max)
Rated Current :	220	mA	

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



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