

Spec Sheet

Signal Lines Wire-wound Chip Inductors for Medical / Industrial Applications (LB series M type)

LBM2016T1R2JV



■ Features

- Item Summary
1.2uH $\pm$ 5%, 0.37A, 0806/2016 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 2000pcs

■ Products characteristics table

Inductance	1.2 uH $\pm$ 5 %
Case Size (EIA/JIS)	0806/2016
Rated Current (max)	0.37 A
DC Resistance (max)	0.533 Ω
DC Resistance (typ)	0.41 Ω
Q (min)	30
LQ Measuring Frequency	7.96 MHz
Self Resonant Frequency (min)	180 MHz
Operating Temp. Range	-40 to +105 $^{\circ}$ C (Including-self-generated heat)
Temperature characteristic (Inductance change)	$\pm$ 5 %
RoHS Compliance (10 subst.)	Yes
REACH Compliance (197 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	2.0 $\pm$ 0.2 mm
Dimension W	1.6 $\pm$ 0.2 mm
Dimension T	1.6 $\pm$ 0.2 mm
Dimension e	0.5 $\pm$ 0.2 mm

2019.07.28

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
TAIYO YUDEN reserves the right to make change to the data at any time without notice.
Before making final selection, please check product specification.

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(LB series M type)

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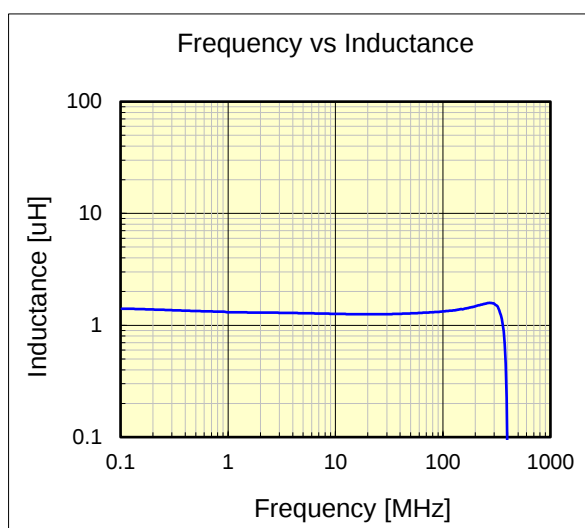
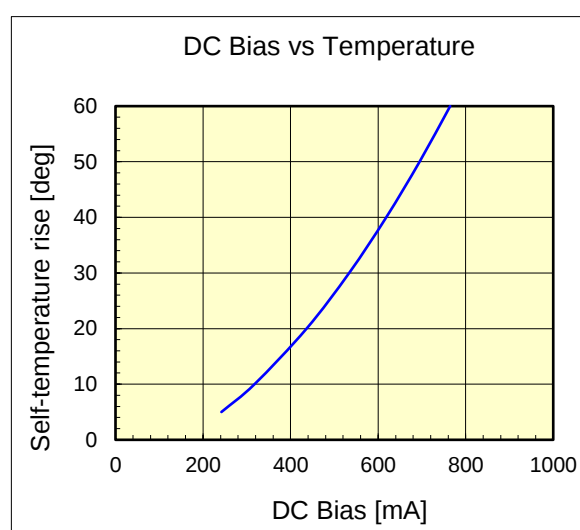
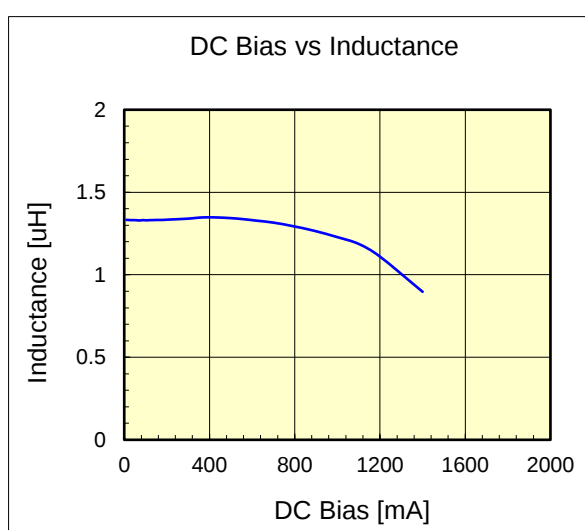


Dimension	unit : mm	unit : inch
Length :	2.0 + / - 0.2	(0.079 + / - 0.008)
Width :	1.6 + / - 0.2	(0.063 + / - 0.008)
Height :	1.6 + / - 0.2	(0.063 + / - 0.008)

Inductance :	1.2	μH	(test freq at 7.96MHz)
DC Resistance :	0.41 / 0.533	ohm (typ / max)	
Rated Current :	370	mA	

Rated current typical : 10% reduction from initial L value.

and Temperature will rise by 20 deg C



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Please read this notice before using the TAIYO YUDEN products.



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Please do not incorporate our products into any equipment requiring high levels of safety and/or reliability (e.g., aerospace equipment, aviation equipment*, medical equipment classified as Class IV by IMDRF, nuclear control equipment, undersea equipment, military equipment).

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When our products are used even for high safety and/or reliability-required devices or circuits of general electronic equipment, it is strongly recommended to perform a thorough safety evaluation prior to use of our products and to install a protection circuit as necessary.

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