

## Inductors

## LBM2016T180J



## ■ Features

- Item Summary  
18 $\mu$ H $\pm$ 5%, 0.15A, 0806/2016 (EIA/JIS)
- Lifecycle Stage  
New PN available
- Standard packaging quantity (minimum)  
Taping Embossed 2000pcs

## ■ Products characteristics table

Inductance	18 $\mu$ H $\pm$ 5 %
Case Size (EIA/JIS)	0806/2016
Rated Current (max)	0.15 A
DC Resistance (max)	3.25 $\Omega$
DC Resistance (typ)	2.5 $\Omega$
Q (min)	25
LQ Measuring Frequency	2.52 MHz
Self Resonant Frequency (min)	18 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 (223 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

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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.

Wire-wound Chip Inductors for Signal Lines (LB series M type)

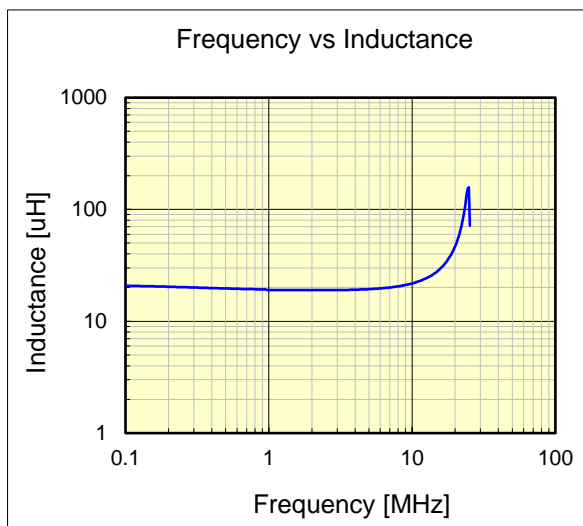
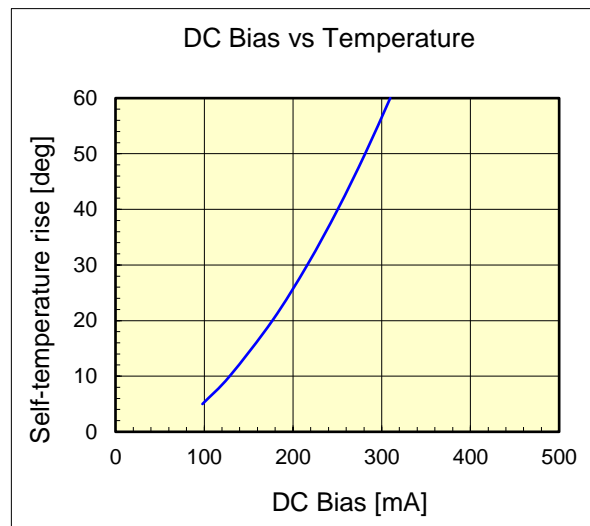
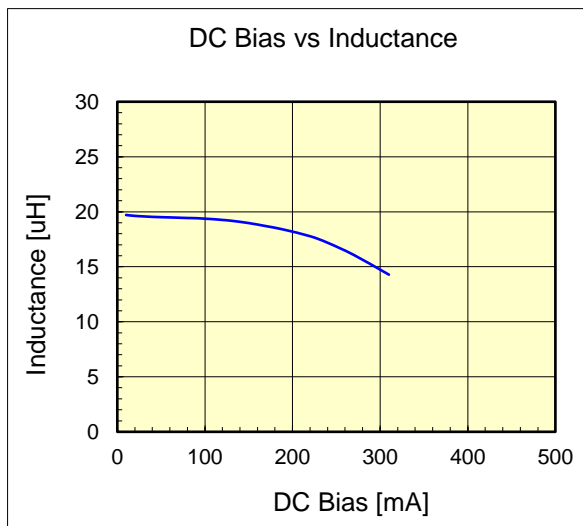
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Dimension	unit : mm	unit : inch
Length :	2.0 +/- 0.2	( 0.079 +/- 0.008 )
Width :	1.6 +/- 0.2	( 0.063 +/- 0.008 )
Height :	1.6 +/- 0.2	( 0.063 +/- 0.008 )

Inductance :	18	uH	( test freq at 2.52MHz )
DC Resistance :	2.5 / 3.25	ohm	( typ / max )
Rated Current :	150	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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