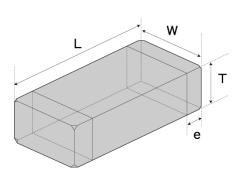
### Spec Sheet

# Wire-wound Chip Inductors (LB series)[LB] LB3218T102K



#### Features

- Item Summary

1000uH±10%, 39mA, 1207/3218 (EIA/JIS)

- Lifecycle Stage
- Mass Production
- Standard packaging quantity (minimum)
- Taping Embossed 2000pcs

#### Products characteristics table

Inductance	1000 uH ± 10 %
Case Size (EIA/JIS)	1207/3218
Rated Current (max)	39 mA
DC Resistance (max)	35.1 Ω
DC Resistance (typ)	27 Ω
LQ Measuring Frequency	0.252 MHz
Self Resonant Frequency (min)	2.4 MHz
Operating Temp. Range	-40 to +105 $^{\circ}$ (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

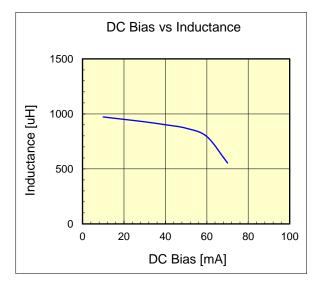
Dimension L	$3.2 \pm 0.2 \text{ mm}$
Dimension W	1.8 ±0.2 mm
Dimension T	1.8 ±0.2 mm
Dimension e	0.6 ±0.2 mm

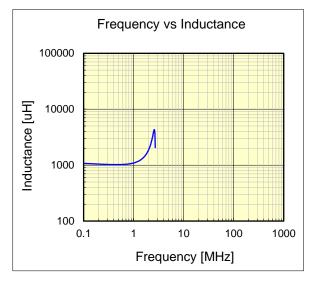
The data is reference only. Electrical characteristics vary depending on environment or measurement condition. TAIYO YUDEN reserves the right to make change to the Date at any time without notice. Before making final selection, please check product specification. 2017.05.03

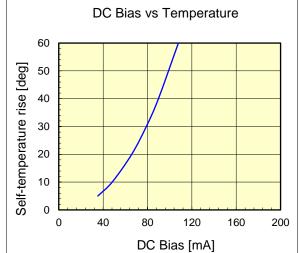
**TAIYO YUDEN** 

## Wire-wound Chip Inductors (LB series)

	Dimension	unit : mm		unit : inch	
LB3218T102K	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 :	1000	uН	( test freq at 0.252MHz )	
	DC Resistance :	27 /	′ 35.1	ohm ( typ / max )	
	Rated Current :	39	mА		
	Rated current	typical: 1	10% reduction from initial L value.		
		ai	and Temperature will rise by 20 deg C		







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