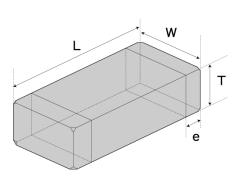
Spec Sheet

Wire-wound Chip Inductors (LB series)[LBC] LBC2518T331K



Features

- Item Summary

330uH±10%, 65mA, 1007/2518 (EIA/JIS)

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

Products characteristics table

Inductance	330 uH ± 10 %
Case Size (EIA/JIS)	1007/2518
Rated Current (max)	65 mA
DC Resistance (max)	15.99 Ω
DC Resistance (typ)	12.3 Ω
LQ Measuring Frequency	0.796 MHz
Self Resonant Frequency (min)	4.5 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

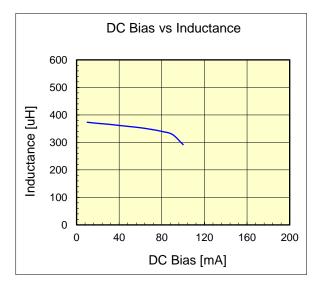
External Dimensions

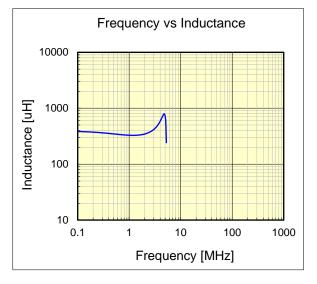
Dimension L	2.5 ±0.2 mm
Dimension W	1.8 ±0.2 mm
Dimension T	1.8 ±0.2 mm
Dimension e	$0.5 \pm 0.2 \text{ mm}$

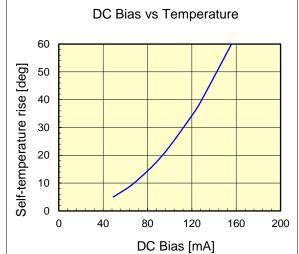
The data is reference only. Electrical characteristics vary depending on environment or measurement condition. TAIYO YUDEN reserves the right to make change to the Date at any time without notice. Before making final selection, please check product specification.

Wire-wound Chip Inductors (LB series)

	Dimension	unit : mm			unit : inch	
LBC2518T331K	Length :	2.5 +/-0.2			(0.098 +/- 0.008)	
	Width :	1.8 +/- 0.2			(0.071 +/- 0.008)	
	Height :	1.8	+/-	0.2	(0.071 +/- 0.008)	
	Inductance :	330		uH	(test freq at 0.796MHz)	
	DC Resistance :		/	15.99	ohm (typ / max)	
Y	Rated Current :	65		тA		
	Rated current	Rated current typical :		10% reduction from initial L value.		
					and Temperature will rise by 20 deg C	







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