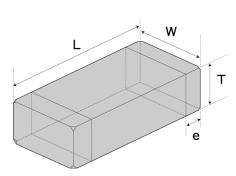
Spec Sheet

Wire-wound Chip Inductors (LB series)[LBR] LBR2012T100K



Features

- Item Summary

10uH±10%, 0.15A, 0805/2012 (EIA/JIS)

- Lifecycle Stage
- Mass Production
- Standard packaging quantity (minimum)
 Taping Embossed 3000pcs

Products characteristics table

Inductance	10 uH ± 10 %	
Case Size (EIA/JIS)	0805/2012	
Rated Current (max)	0.15 A	
DC Resistance (max)	0.468 Ω	
DC Resistance (typ)	0.36 Ω	
LQ Measuring Frequency	2.52 MHz	
Self Resonant Frequency (min)	32 MHz	
Operating Temp. Range	-40 to +105 $^{\circ}$ (Including-self-generated heat)	
Temperature characteristic (Inductance change)	± 20 %	
RoHS2 Compliance (10 subst.)	Yes	
REACH Compliance (173 subst.)	Yes	
Halogen Free	Yes	
Soldering	Reflow	

External Dimensions

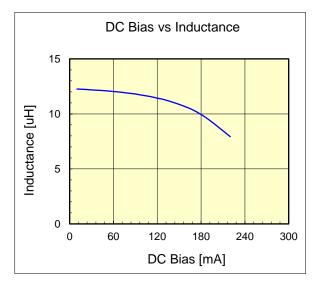
Dimension L	2.0 ±0.2 mm
Dimension W	1.25 ±0.2 mm
Dimension T	1.25 ±0.2 mm
Dimension e	$0.5 \pm 0.2 \text{ mm}$

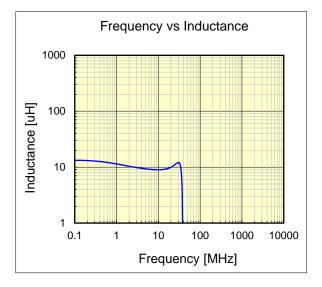
The data is reference only. Electrical characteristics vary depending on environment or measurement condition. TAIYO YUDEN reserves the right to make change to the Date at any time without notice. Before making final selection, please check product specification.

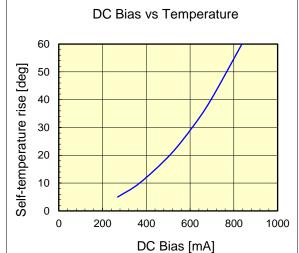
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Wire-wound Chip Inductors (LB series)

	Dimension	unit : mm	unit : inch
LBR2012T100K	Length :	2.0 +/-0.2	(0.079 +/- 0.008)
	Width :	1.25 +/-0.2	(0.049 +/- 0.008)
	Height :	1.25 +/-0.2	(0.049 +/- 0.008)
	Inductance :	10 uH	(test freq at 2.52MHz)
	DC Resistance :	0.36 / 0.468	ohm (typ / max)
	Rated Current :	150 mA	
	Rated current typical : 20% reduction from initial L value.		
		and Temper	ature will rise by 20 deg C







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