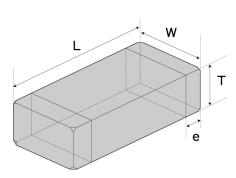
Spec Sheet

Wire-wound Chip Inductors (LB series)[LBR] LBR2012T220M



Features

- Item Summary

22uH±20%, 0.1A, 0805/2012 (EIA/JIS)

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

Products characteristics table

Inductance	$22 \text{ uH} \pm 20 \%$
Case Size (EIA/JIS)	0805/2012
Rated Current (max)	0.1 A
DC Resistance (max)	1.3 Ω
DC Resistance (typ)	1 Ω
LQ Measuring Frequency	2.52 MHz
Self Resonant Frequency (min)	16 MHz
Operating Temp. Range	-40 to +105 $^{\circ}$ C (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

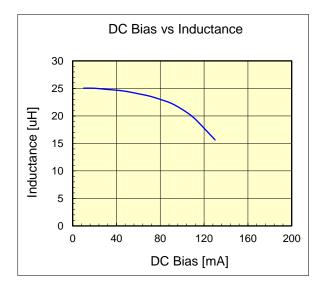
Dimension L	2.0 ±0.2 mm
Dimension W	$1.25 \pm 0.2 \text{ mm}$
Dimension T	1.25 ± 0.2 mm
Dimension e	0.5 ±0.2 mm

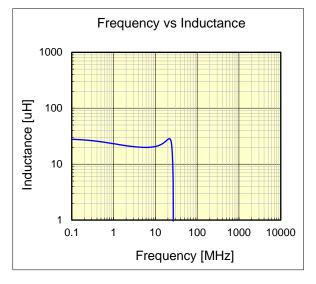
The data is reference only. Electrical characteristics vary depending on environment or measurement condition. TAIYO YUDEN reserves the right to make change to the Date at any time without notice. Before making final selection, please check product specification.

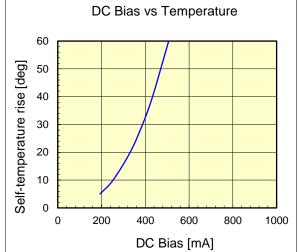
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Wire-wound Chip Inductors (LB series)

	Dimension	unit : mm	1	unit : inch
LBR2012T220M	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 :	22	uН	(test freq at 2.52MHz)
	DC Resistance :	1.0 /	1.3	ohm (typ / max)
	Rated Current :	100	тA	
	Rated current	typical : 20% re	ductio	on from initial L value.
		and Temperature will		







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