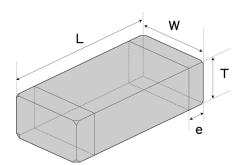
## **Spec Sheet**

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

## LBC3225T330MR



#### Features

- Item Summary
   33uH±20%, 0.3A, 1210/3225 (EIA/JIS)
- Lifecycle Stage
- Mass Production
  Standard packaging quantity (minimum)

Taping Embossed 1000pcs

#### Products characteristics table

Inductance	33 uH ± 20 %
Case Size (EIA/JIS)	1210/3225
Rated Current (max)	0.3 A
DC Resistance (max)	0.533 Ω
DC Resistance (typ)	0.41 Ω
LQ Measuring Frequency	0.1 MHz
Self Resonant Frequency (min)	13 MHz
Operating Temp. Range	-40 to +105 ℃ (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	3.2 ±0.2 mm
Dimension W	2.5 ±0.2 mm
Dimension T	2.5 ±0.2 mm
Dimension e	0.6 ±0.3 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)

### LBC3225T330MR



unit : mm Dimension unit: inch Length: 3.2 + / - 0.2(0.126 + / - 0.008)Width: 2.5 +/- 0.2 (0.098 + / - 0.008)Height: 2.5 + / - 0.2(0.098 + / - 0.008)

Inductance: 33 иН (test freq at 0.1MHz) DC Resistance: 0.41 0.533 ohm (typ/max)

Rated Current: 300 mΑ

> Rated current typical: 10% reduction from initial L value. and Temperature will rise by 20 deg C

