

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

LB2012T680M



■ Features

- Item Summary
68uH±20%, 50mA, 0805/2012 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 3000pcs

■ Products characteristics table

Inductance	68 uH ± 20 %
Case Size (EIA/JIS)	0805/2012
Rated Current (max)	50 mA
DC Resistance (max)	7.8 Ω
DC Resistance (typ)	6 Ω
LQ Measuring Frequency	2.52 MHz
Self Resonant Frequency (min)	10 MHz
Operating Temp. Range	-40 to +105 °C (Including-self-generated heat)
Temperature characteristic (Inductance change)	± 20 %
RoHS Compliance (10 subst.)	Yes
REACH Compliance (191 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 ±0.2 mm

2019.04.20

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

Wire-wound Chip Inductors (LB series)

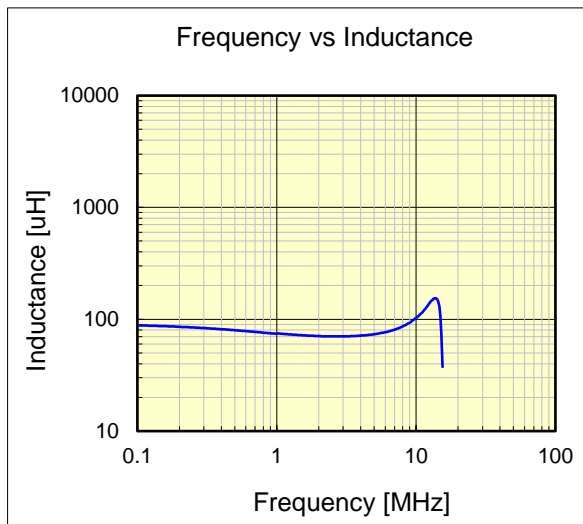
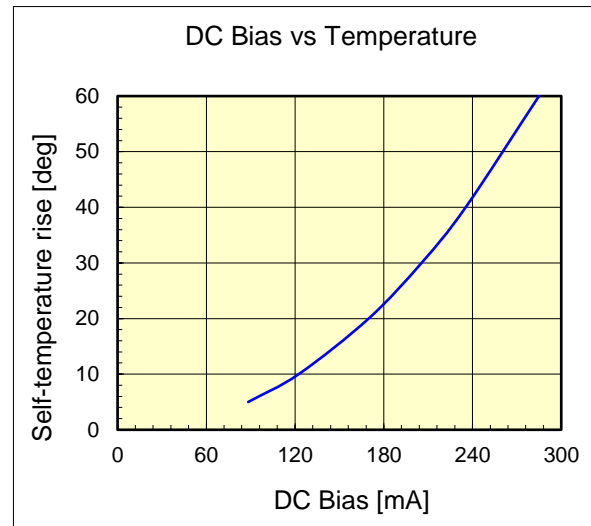
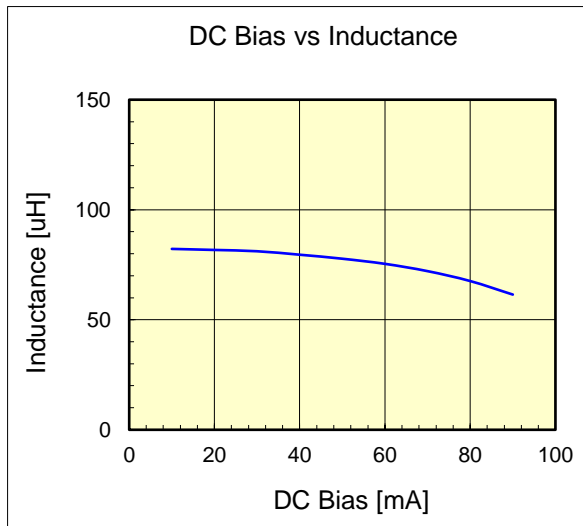
LB2012T680M



Dimension	unit : mm	unit : inch
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 :	68	uH	(test freq at 2.52MHz)
DC Resistance :	6.0 / 7.8	ohm	(typ / max)
Rated Current :	50	mA	

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



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