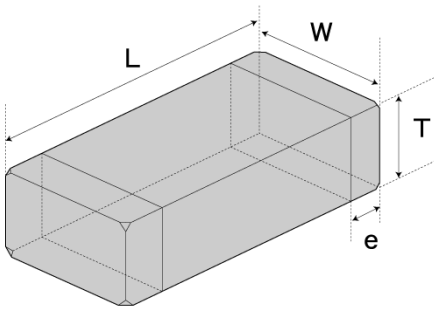
Spec Sheet

Wire-wound Chip Inductors for Automotive / Industrial Applications (LB series)[LB]

LB2518T150MV



Features

- Item Summary

  15uH±20%, 0.145A, 1007/2518 (EIA/JIS)
- Lifecycle Stage

  Mass Production
- Standard packaging quantity (minimum)

  Taping Embossed 2000pcs

Products characteristics table

Inductance	15 uH ± 20 %
Case Size (EIA/JIS)	1007/2518
Rated Current (max)	0.145 A
DC Resistance (max)	0.416 Ω
DC Resistance (typ)	0.32 Ω
LQ Measuring Frequency	2.52 MHz
Self Resonant Frequency (min)	23 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	2.5 ±0.2 mm
Dimension W	1.8 ±0.2 mm
Dimension T	1.8 ±0.2 mm
Dimension e	0.5 ±0.2 mm

2017.04.30

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.

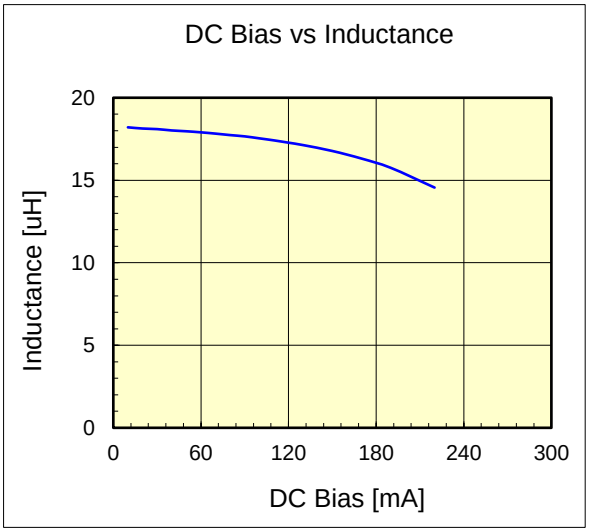
Wire-wound Chip Inductors for Automotive / Industrial Applications (LB series)

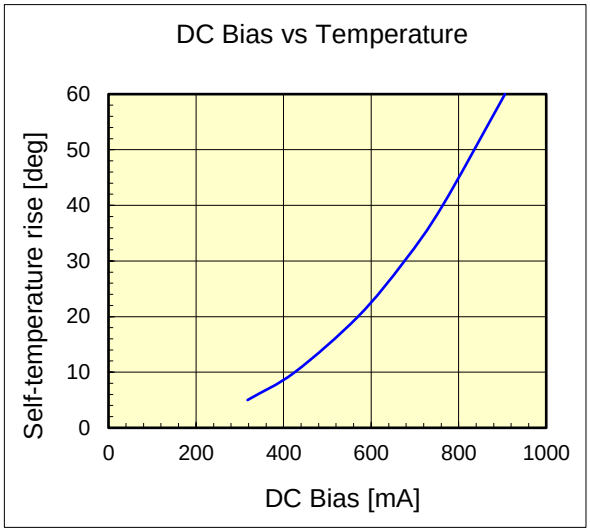
LB2518T150MV

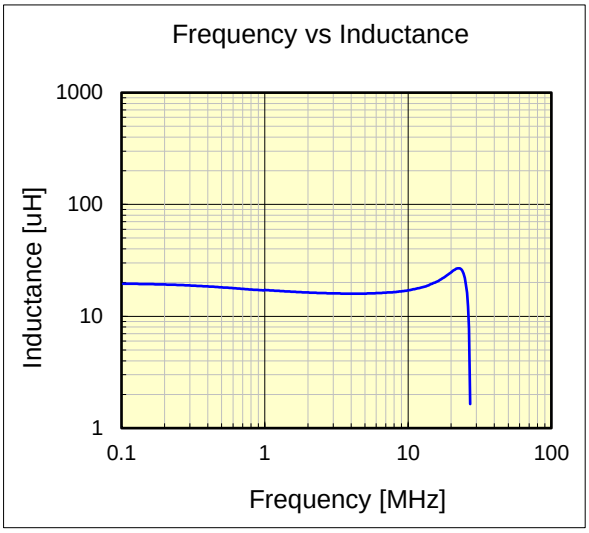
Dimension	unit : mm	unit : inch
Length :	2.5 + / - 0.2	(0.098 + / - 0.008)
Width :	1.8 + / - 0.2	(0.071 + / - 0.008)
Height :	1.8 + / - 0.2	(0.071 + / - 0.008)

Inductance :	15	uH	(test freq at 2.52MHz)
DC Resistance :	0.32 /	0.416	ohm (typ / max)
Rated Current :	145	mA	

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







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