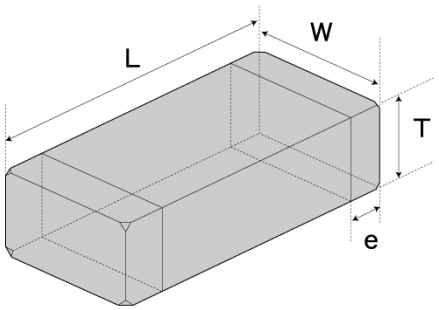
Spec Sheet

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

LB2518T3R3MV



Features

- Item Summary

  3.3uH±20%, 0.28A, 1007/2518 (EIA/JIS)
- Lifecycle Stage

  Mass Production
- Standard packaging quantity (minimum)

  Taping Embossed 2000pcs

Products characteristics table

Inductance	3.3 uH ± 20 %
Case Size (EIA/JIS)	1007/2518
Rated Current (max)	0.28 A
DC Resistance (max)	0.143 Ω
DC Resistance (typ)	0.11 Ω
LQ Measuring Frequency	7.96 MHz
Self Resonant Frequency (min)	54 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

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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 :	3.3	uH	(test freq at 7.96MHz)
DC Resistance :	0.11 / 0.143		ohm (typ / max)
Rated Current :	280	mA	

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