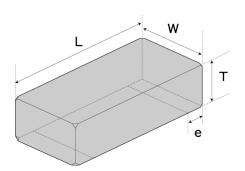
Spec Sheet

Wire-wound Chip Inductors for Signal Lines (LB series M type)

LBM2016T180J



Features

- Item Summary
 18uH±5%, 0.15A, 0806/2016 (EIA/JIS)
- Lifecycle Stage
 - Mass Production
- Standard packaging quantity (minimum)
 Taping Embossed 2000pcs

Products characteristics table

Inductance	18 uH ± 5 %
Case Size (EIA/JIS)	0806/2016
Rated Current (max)	0.15 A
DC Resistance (max)	3.25 Ω
DC Resistance (typ)	2.5 Ω
Q (min)	25
LQ Measuring Frequency	2.52 MHz
Self Resonant Frequency (min)	18 MHz
Operating Temp. Range	-40 to +105 ℃ (Including-self-generated heat)
Temperature characteristic (Inductance change)	± 5 %
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	1.6 ±0.2 mm
Dimension T	1.6 ±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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unit : mm Dimension unit: inch Length: 2.0 + / - 0.2(0.079 + / - 0.008)Width: 1.6 +/- 0.2 (0.063 + / - 0.008)Height: 1.6 +/- 0.2 (0.063 + / - 0.008)

Inductance: 18 иН (test freq at 2.52MHz) DC Resistance: 2.5 3.25 ohm (typ/max)

Rated Current: 150 mΑ

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

