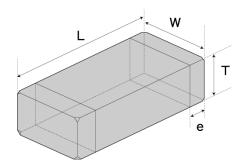
Spec Sheet

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

LBR2518T2R2M



Features

- Item Summary 2.2uH±20%, 0.48A, 1007/2518 (EIA/JIS)
- Lifecycle Stage
 - Mass Production
- Standard packaging quantity (minimum) Taping Embossed 2000pcs

Products characteristics table

Inductance	2.2 uH ± 20 %
Case Size (EIA/JIS)	1007/2518
Rated Current (max)	0.48 A
DC Resistance (max)	91 mΩ
DC Resistance (typ)	70 mΩ
LQ Measuring Frequency	7.96 MHz
Self Resonant Frequency (min)	68 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

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.

-Electrical Characteristics Data-

Wire-wound Chip Inductors (LB series)

LBR2518T2R2M



unit : mm Dimension 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: 2.2 иН (test freq at 7.96MHz) DC Resistance: 0.07 0.091 ohm (typ/max)

Rated Current: 480 mΑ

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

