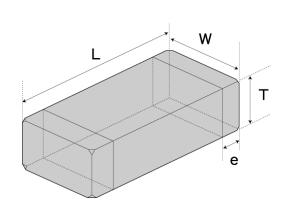
Spec Sheet

Wire-wound Chip Inductors (LB series) LBC2518T470M



Features

- Item Summary

47uH±20%, 0.165A, 1007/2518 (EIA/JIS)

- Lifecycle Stage
- Mass Production
- Standard packaging quantity (minimum)
 Taping Embossed 2000pcs

Products characteristics table

| Inductance | 47 uH ± 20 % |
|-------------------------------|--|
| Case Size (EIA/JIS) | 1007/2518 |
| Rated Current (max) | 0.165 A |
| DC Resistance (typ) | 1.9 Ω |
| DC Resistance (max) | 2.47 Ω |
| LQ Measuring Frequency | 2.52 MHz |
| Self Resonant Frequency (min) | 12 MHz |
| Operating Temp. Range | -40 to +105 ℃ (Including-self-generated heat) |
| RoHS2 Compliance (10 subst.) | Yes |
| REACH Compliance (163 subst.) | 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.

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