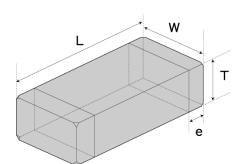
Spec Sheet

Multilayer Chip Inductors for High Frequency Applications (HK series)

HK21256N8J-T



Features

- Item Summary 6.8nH±5%, 0.3A, 0805/2012 (EIA/JIS)
- Lifecycle Stage
 Mass Production
- Standard packaging quantity (minimum)
 Taping Embossed 4000pcs

Products characteristics table

| Inductance | 6.8 nH ± 5 % |
|--|--------------|
| Case Size (EIA/JIS) | 0805/2012 |
| Rated Current (max) | 0.3 A |
| DC Resistance (max) | 250 mΩ |
| DC Resistance (typ) | 60 mΩ |
| Q (min) | 15 |
| Q (typ) | 20 |
| LQ Measuring Frequency | 100 MHz |
| Self Resonant Frequency (min) | 2800 MHz |
| Self Resonant Frequency (typ) | 4200 MHz |
| Operating Temp. Range | -40 to +85 ℃ |
| Temperature characteristic (Inductance change) | ± 10 % |
| RoHS2 Compliance (10 subst.) | Yes |
| REACH Compliance (173 subst.) | Yes |
| Halogen Free | Yes |
| Soldering | Reflow/Wave |

■ External Dimensions

| Dimension L | 2.0 +0.3/-0.1 mm |
|-------------|------------------|
| Dimension W | 1.25 ±0.2 mm |
| Dimension T | 0.85 ±0.2 mm |
| Dimension e | 0.5 ±0.3 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.