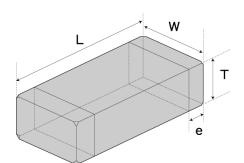
Spec Sheet

Multilayer Chip Inductors for High Frequency Applications (HK series)

HK160812NJ-T



Features

- Item Summary
 12nH±5%, 0.3A, 0603/1608 (EIA/JIS)
- Lifecycle Stage
 - Mass Production
- Standard packaging quantity (minimum)
 Taping paper 4000pcs

Products characteristics table

| Inductance | 12 nH ± 5 % |
|--|--------------|
| Case Size (EIA/JIS) | 0603/1608 |
| Rated Current (max) | 0.3 A |
| DC Resistance (max) | 0.28 Ω |
| DC Resistance (typ) | 0.17 Ω |
| Q (min) | 12 |
| Q (typ) | 14 |
| LQ Measuring Frequency | 100 MHz |
| Self Resonant Frequency (min) | 2600 MHz |
| Self Resonant Frequency (typ) | 4000 MHz |
| Operating Temp. Range | -40 to +85 ℃ |
| Temperature characteristic (Inductance change) | ± 10 % |
| RoHS2 Compliance (10 subst.) | Yes |
| REACH Compliance (168 subst.) | Yes |
| Soldering | Reflow/Wave |

■ External Dimensions

| Dimension L | 1.6 ±0.15 mm |
|-------------|--------------|
| Dimension W | 0.8 ±0.15 mm |
| Dimension T | 0.8 ±0.15 mm |
| Dimension e | 0.3 ±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.