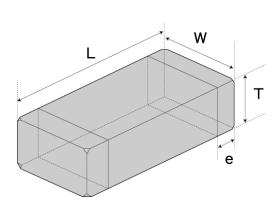
Spec Sheet

Multilayer Chip Inductors for High Frequency Applications (HK series)

HK10053N3S-T



Features

- Item Summary
 3.3nH±0.3nH, 0.3A, 0402/1005 (EIA/JIS)
- Lifecycle Stage
 Mass Production
- Standard packaging quantity (minimum)
 Taping paper 10000pcs

Products characteristics table

| Inductance | 3.3 nH ± 0.3nH |
|----------------------------------|----------------|
| Case Size (EIA/JIS) | 0402/1005 |
| Rated Current (max) | 0.3 A |
| Rated Current (max)(-55 to 85°C) | 0.55 A |
| DC Resistance (typ) | 0.1 Ω |
| DC Resistance (max) | 0.16 Ω |
| Q (min) | 8 |
| Q (typ) | 10 |
| LQ Measuring Frequency | 100 MHz |
| Self Resonant Frequency (min) | 6000 MHz |
| Self Resonant Frequency (typ) | 8000 MHz |
| Operating Temp. Range | -55 to +125 ℃ |
| RoHS2 Compliance | Yes |
| REACH Compliance | Yes |
| Soldering | Reflow |

External Dimensions

| Dimension L | 1.0 ±0.05 mm |
|-------------|--------------|
| Dimension W | 0.5 ±0.05 mm |
| Dimension T | 0.5 ±0.05 mm |
| Dimension e | 0.25 ±0.1 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.