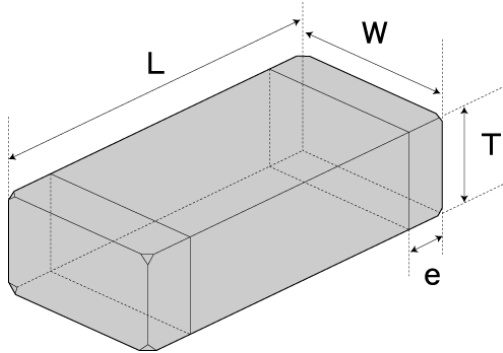


Multilayer Chip Inductors for High Frequency Applications (HK series)

HK10051N0S-T



■ Features

- Item Summary
1.0nH±0.3nH, 0.3A, 0402/1005 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping paper 10000pcs

■ Products characteristics table

| | |
|----------------------------------|----------------|
| Inductance | 1.0 nH ± 0.3nH |
| Case Size (EIA/JIS) | 0402/1005 |
| Rated Current (max) | 0.3 A |
| Rated Current (max)(-55 to 85°C) | 0.9 A |
| DC Resistance (typ) | 40 mΩ |
| DC Resistance (max) | 80 mΩ |
| Q (min) | 8 |
| Q (typ) | 11 |
| LQ Measuring Frequency | 100 MHz |
| Self Resonant Frequency (min) | 10000 MHz |
| Self Resonant Frequency (typ) | 13000 MHz |
| Operating Temp. Range | -55 to +125 °C |
| 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 |

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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.