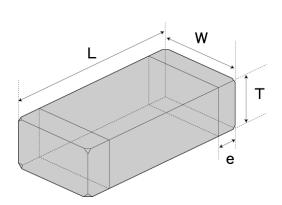
Spec Sheet

Multilayer Chip Inductors for High Frequency Applications (HK series)

HK16083N3S-T



Features

- Item Summary
 3.3nH±0.3nH, 0.3A, 0603/1608 (EIA/JIS)
- Lifecycle Stage
 Mass Production
- Standard packaging quantity (minimum)
 Taping paper 4000pcs

Products characteristics table

Inductance	3.3 nH ± 0.3nH
Case Size (EIA/JIS)	0603/1608
Rated Current (max)	0.3 A
DC Resistance (typ)	60 mΩ
DC Resistance (max)	120 mΩ
Q (min)	10
Q (typ)	14
LQ Measuring Frequency	100 MHz
LQ Measuring Frequency Self Resonant Frequency (min)	100 MHz 6000 MHz
Self Resonant Frequency (min)	6000 MHz
Self Resonant Frequency (min) Self Resonant Frequency (typ)	6000 MHz 9000 MHz
Self Resonant Frequency (min) Self Resonant Frequency (typ) Operating Temp. Range	6000 MHz 9000 MHz -40 to +85 °C

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.