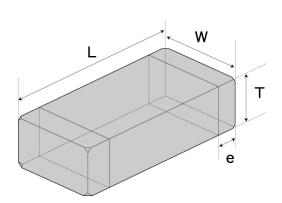
Spec Sheet

Multilayer Chip Inductors for High Frequency Applications (HK series)

HK21255N6S-T



Features

- Item Summary
 5.6nH±0.3nH, 0.3A, 0805/2012 (EIA/JIS)
- Lifecycle Stage
 Mass Production
- Standard packaging quantity (minimum)
 Taping Embossed 4000pcs

■ Products characteristics table

Inductance	5.6 nH ± 0.3nH
Case Size (EIA/JIS)	0805/2012
Rated Current (max)	0.3 A
DC Resistance (typ)	50 mΩ
DC Resistance (max)	230 mΩ
Q (min)	15
Q (typ)	20
LQ Measuring Frequency	100 MHz
LQ Measuring Frequency Self Resonant Frequency (min)	100 MHz 3200 MHz
Self Resonant Frequency (min)	3200 MHz
Self Resonant Frequency (min) Self Resonant Frequency (typ)	3200 MHz 5400 MHz
Self Resonant Frequency (min) Self Resonant Frequency (typ) Operating Temp. Range	3200 MHz 5400 MHz -40 to +85 °C

■ 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.