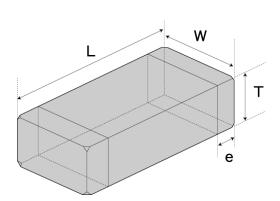
Spec Sheet

Multilayer Chip Inductors for High Frequency Applications (HK series)

HK21251N8S-T



Features

- Item Summary
 1.8nH±0.3nH, 0.3A, 0805/2012 (EIA/JIS)
- Lifecycle Stage

Mass Production

Standard packaging quantity (minimum)
 Taping Embossed 4000pcs

■ Products characteristics table

Inductance	1.8 nH ± 0.3nH
Case Size (EIA/JIS)	0805/2012
Rated Current (max)	0.3 A
DC Resistance (typ)	20 mΩ
DC Resistance (max)	100 mΩ
Q (min)	10
Q (typ)	18
LQ Measuring Frequency	100 MHz
Self Resonant Frequency (min)	4000 MHz
Self Resonant Frequency (typ)	6000 MHz
Self Resonant Frequency (typ) Operating Temp. Range	6000 MHz -40 to +85 ℃
Operating Temp. Range	-40 to +85 ℃

■ External Dimensions

Dimension L	2.0 +0.3/-0.1 mm
Dimension W	1.25 ±0.2 mm
Dimension W	1.25 = 0.2 11111
Dimension T	0.85 ±0.2 mm
Dilliciision	0.03 ±0.2 11111
Dimension e	0.5 ±0.3 mm
Dimensione	0.5 ±0.5 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.