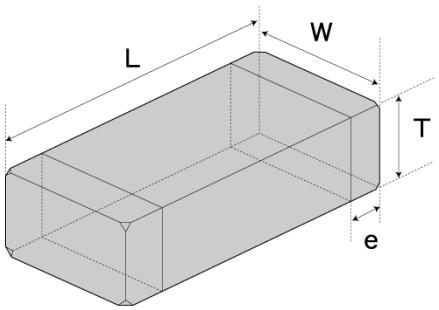
Spec Sheet

High-Q Multilayer Chip Inductors for High Frequency Applications (HK series Q type)

HKQ040230NJ-E



Features

- Item Summary

  30nH±5%, 0.12A, 01005/0402 (EIA/JIS)

- Lifecycle Stage

  Mass Production

- Standard packaging quantity (minimum)

  Taping Embossed 40000pcs

Products characteristics table

Inductance	30 nH ± 5 %
Case Size (EIA/JIS)	01005/0402
Rated Current (max)	0.12 A
DC Resistance (max)	2.8 Ω
Q (min)	3
LQ Measuring Frequency	100 MHz
Self Resonant Frequency (min)	1700 MHz
Operating Temp. Range	-55 to +125 ℃
Temperature characteristic (Inductance change)	± 10 %
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (168 subst.)	Yes
Soldering	Reflow

External Dimensions

Dimension L	0.4 ±0.02 mm
Dimension W	0.2 ±0.02 mm
Dimension T	0.2 ±0.02 mm
Dimension e	0.1 ±0.03 mm

2016.11.16

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.