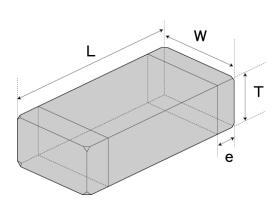
### Spec Sheet

## Multilayer Chip Inductors for High Frequency Applications (HK series)

# HK160847NJ-T



#### Features

- Item Summary 47nH±5%, 0.3A, 0603/1608 (EIA/JIS)
- Lifecycle Stage
   Mass Production
- Standard packaging quantity (minimum)
   Taping paper 4000pcs

#### ■ Products characteristics table

Inductance	47 nH ± 5 %
Case Size (EIA/JIS)	0603/1608
Rated Current (max)	0.3 A
DC Resistance (typ)	0.45 Ω
DC Resistance (max)	0.7 Ω
Q (min)	12
Q (typ)	17
LQ Measuring Frequency	100 MHz
LQ Measuring Frequency Self Resonant Frequency (min)	100 MHz 900 MHz
Self Resonant Frequency (min)	900 MHz
Self Resonant Frequency (min) Self Resonant Frequency (typ)	900 MHz 1600 MHz
Self Resonant Frequency (min)  Self Resonant Frequency (typ)  Operating Temp. Range	900 MHz 1600 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.