

Multilayer Chip Inductors for High Frequency Applications (HK series)

HK100547NJ-T



■ Features

- Item Summary  
47nH±5%, 0.2A, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping paper 10000pcs

■ Products characteristics table

Inductance	47 nH ± 5 %
Case Size (EIA/JIS)	0402/1005
Rated Current (max)	0.2 A
Rated Current (max)(-55 to 85°C)	0.23 A
DC Resistance (typ)	0.58 Ω
DC Resistance (max)	1 Ω
Q (min)	8
Q (typ)	11
LQ Measuring Frequency	100 MHz
Self Resonant Frequency (min)	1000 MHz
Self Resonant Frequency (typ)	1500 MHz
Operating Temp. Range	-55 to +125 °C
RoHS2 Compliance	Yes
REACH Compliance	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	1.0 ±0.05 mm
Dimension W	0.5 ±0.05 mm
Dimension T	0.5 ±0.05 mm
Dimension e	0.25 ±0.1 mm

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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.