

# Spec Sheet

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

## HKQ040227NJ-T



### ■ Features

- Item Summary  
27nH $\pm$ 5%, 0.12A, 01005/0402 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping paper 20000pcs

### ■ Products characteristics table

Inductance	27 nH $\pm$ 5 %
Case Size (EIA/JIS)	01005/0402
Rated Current (max)	0.12 A
DC Resistance (max)	2.24 $\Omega$
Q (min)	3
Q (typ)	6
LQ Measuring Frequency	100 MHz
Self Resonant Frequency (min)	1700 MHz
Operating Temp. Range	-55 to +125 $^{\circ}$ C
Temperature characteristic (Inductance change)	$\pm$ 10 %
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

### ■ External Dimensions

Dimension L	0.4 $\pm$ 0.02 mm
Dimension W	0.2 $\pm$ 0.02 mm
Dimension T	0.2 $\pm$ 0.02 mm
Dimension e	0.1 $\pm$ 0.03 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.