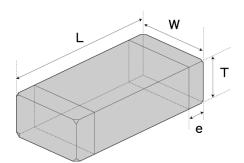
## Spec Sheet

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

# HK160839NJ-T



#### Features

- Item Summary 39nH±5%, 0.3A, 0603/1608 (EIA/JIS)
- Lifecycle Stage
  Mass Production
- Standard packaging quantity (minimum)
  Taping paper 4000pcs

### Products characteristics table

| Inductance                                     | 39 nH ± 5 %  |
|--|--------------|
| Case Size (EIA/JIS)                            | 0603/1608    |
| Rated Current (max)                            | 0.3 A        |
| DC Resistance (max)                            | 0.6 Ω        |
| DC Resistance (typ)                            | 0.38 Ω       |
| Q (min)  | 12           |
| Q (typ)  | 18           |
| LQ Measuring Frequency                         | 100 MHz      |
| Self Resonant Frequency (min)                  | 1100 MHz     |
| Self Resonant Frequency (typ)                  | 1600 MHz     |
| Operating Temp. Range                          | -40 to +85 ℃ |
| Temperature characteristic (Inductance change) | ± 10 %       |
| RoHS2 Compliance (10 subst.)                   | Yes          |
| REACH Compliance (173 subst.)                  | Yes          |
| Halogen Free                                   | Yes          |
| Soldering                                      | Reflow/Wave  |

### ■ 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  |

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