

MLCC > Normal Type

CL31B106KAHNNN#

Mass Production

General

Standard

2T

Lineup Normal

125°C

N/A

RoHS

REACH

?

"# indicates a package code.

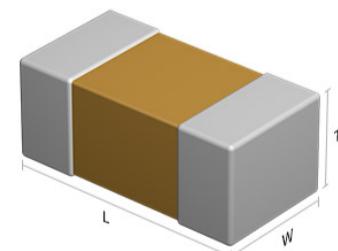
List of part numbers with package codes

CL31B106KAHNNNE, CL31B106KAHNNNF

※ If the packaging code is Z or R, the horizontal package type (HMC) is applied to reduce the acoustic noise.

Size

| | | |
|-----------|-------------|------------|
| Size Code | 1206 (3216) | * inch(mm) |
| L Size | 3.20±0.20mm | |
| W Size | 1.60±0.20mm | |
| T Size | 1.60±0.20mm | |



Characteristics

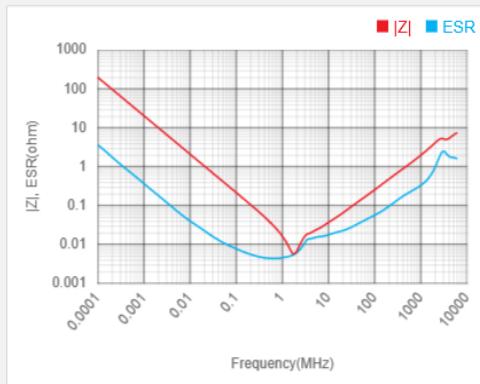
| | |
|----------------------------|-----------------|
| Temperature Characteristic | X7R(-55 ~ +125) |
| Capacitance | 10.0uF |
| Tolerance | ±10% |
| Rated Voltage | 25.0Vdc |
| Status | Mass Production |

Caution | Contact Us

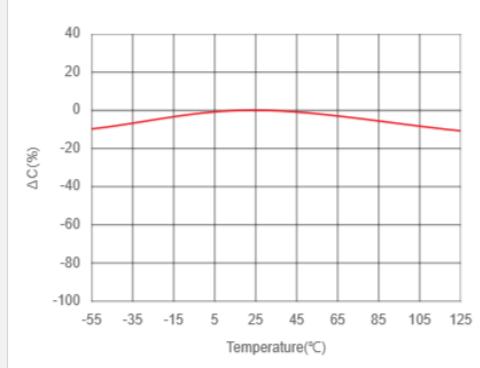
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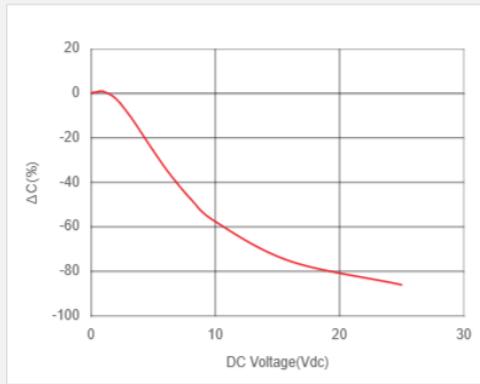
Graph



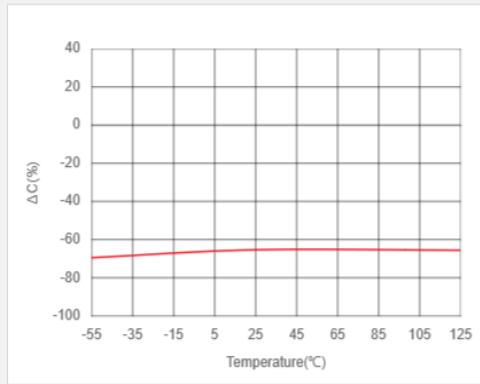
Frequency Characteristics
Network Analyzer



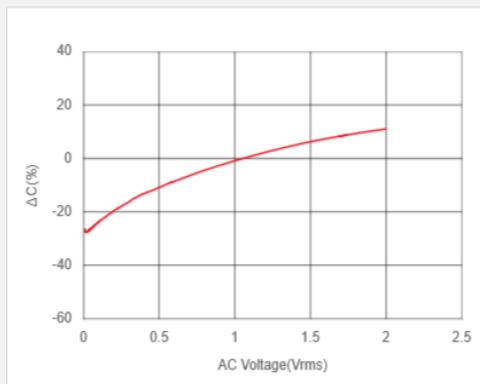
Temperature Characteristics of Capacitance(TCC)
LCR meter, 1kHz, 1Vrms



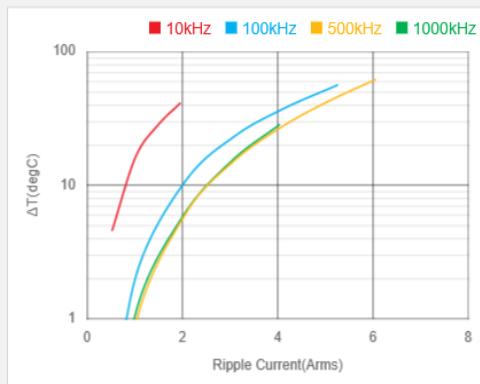
DC Bias Characteristics
LCR meter, 1kHz, 1Vrms



Bias TCC Characteristics
LCR meter, 1kHz, 1Vrms, 12.5Vdc



AC Voltage Characteristics
LCR meter, 1kHz



Temperature Rise by Ripple Current



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This page includes the typical data for design reference only.

If there is any question regarding the data, please contact our sales personnel or application engineers.