

MLCC > Normal Type

CL31B105KBHNFN#

Mass Production

General

Standard

2T 

Lineup Normal

125°C

N/A

RoHS

REACH

?

"#" indicates a package code.

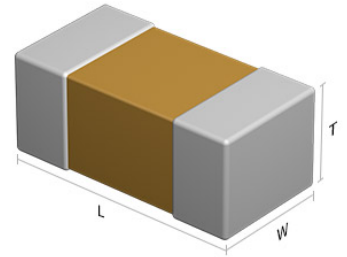
List of part numbers with package codes

CL31B105KBHNFNE

※ 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	1.0uF
Tolerance	±10%
Rated Voltage	50.0Vdc
Status	Mass Production

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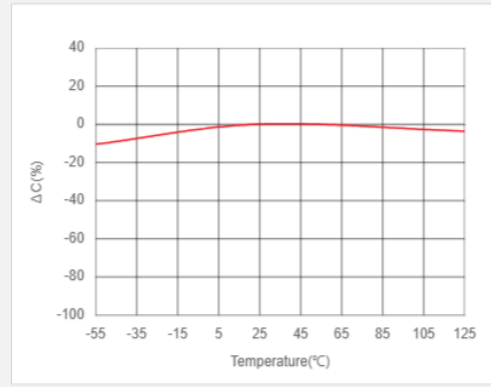
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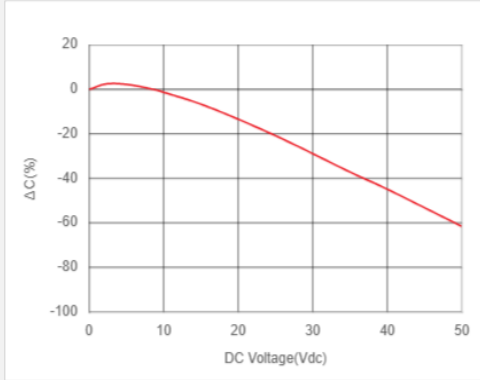
Graph



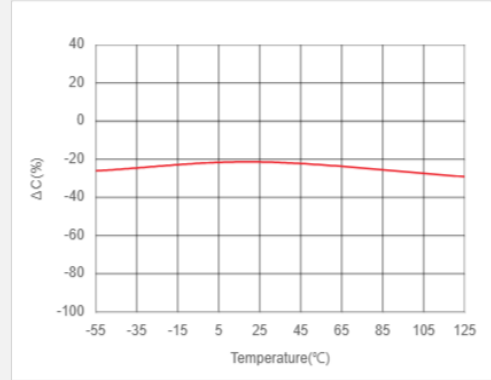
Frequency Characteristics
Network Analyzer



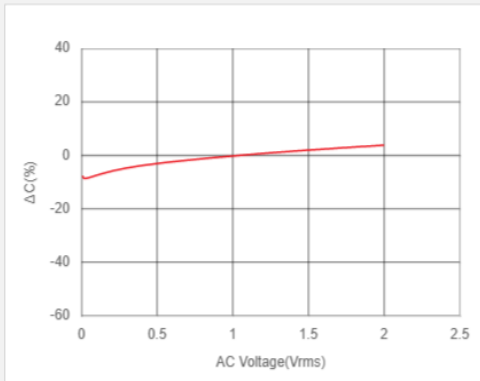
Temperature Characteristics of Capacitance(TCC)
LCR meter, 1kHz, 1Vrms



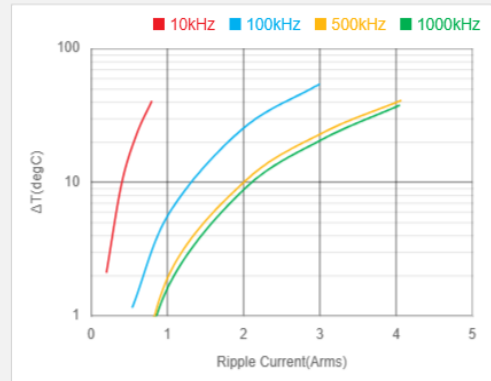
DC Bias Characteristics
LCR meter, 1kHz, 1Vrms



Bias TCC Characteristics
LCR meter, 1kHz, 1Vrms, 25Vdc



AC Voltage Characteristics
LCR meter, 1kHz



Temperature Rise by Ripple Current



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