



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

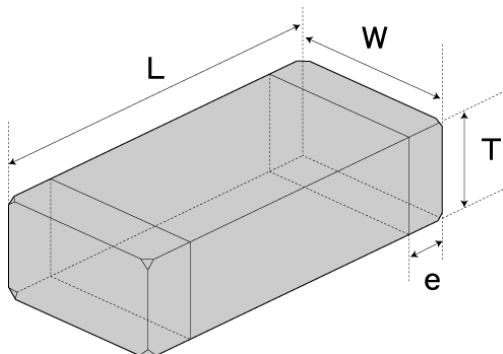
Email & Skype: [info@chipsmall.com](mailto:info@chipsmall.com) Web: [www.chipsmall.com](http://www.chipsmall.com)

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## High Value Multilayer Ceramic Capacitors (High dielectric type)

## LMK042BJ331KC-W



## ■ Features

- Item Summary  
10V, X5R, 330pF,  $\pm 10\%$ , 01005
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Embossed 40000pcs

## ■ Products characteristics table

CaseSize (EIA/JIS)	01005/0402
Rated Voltage (max)	10V
Capacitance	330pF
Capacitance Tolerance	$\pm 10\%$
Temperature Characteristics (EIA/JIS)	X5R/B
Temperature Range (EIA/JIS)	-55 to +85°C/-25 to +85°C
Capacitance Change (EIA/JIS)	$\pm 15/\pm 10\%$
Dielectric Loss Tangent	5%MAX
Resistance	10,000 M $\Omega$ min.
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

## ■ External Dimensions

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

2015.07.09

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.

# Multi Layer Ceramic Capacitor

TAIYO YUDEN

-Electrical Characteristics Data-

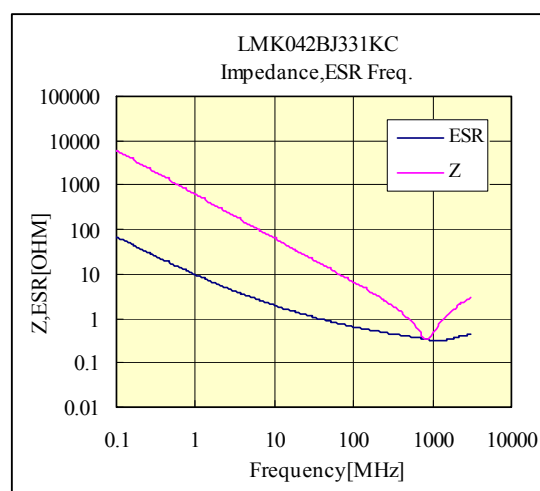
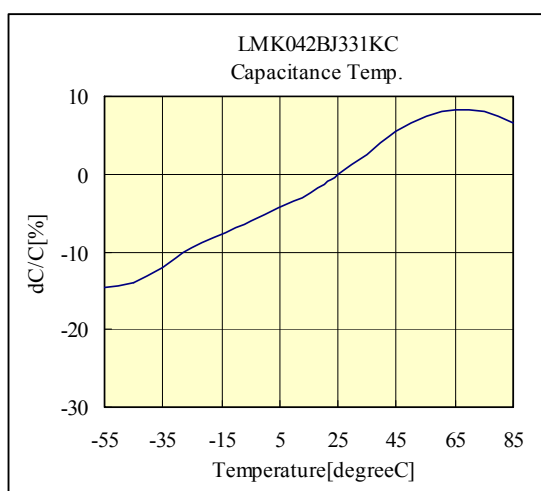
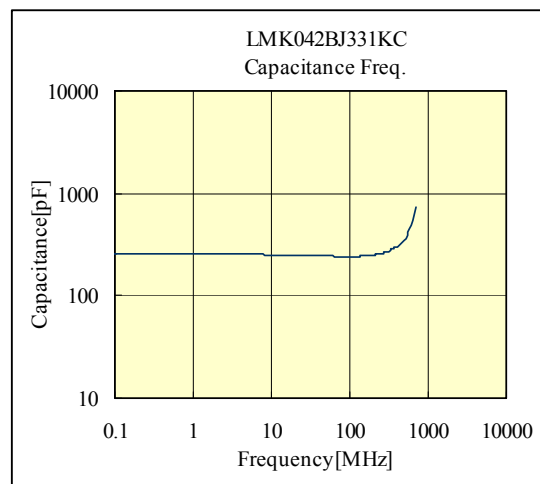
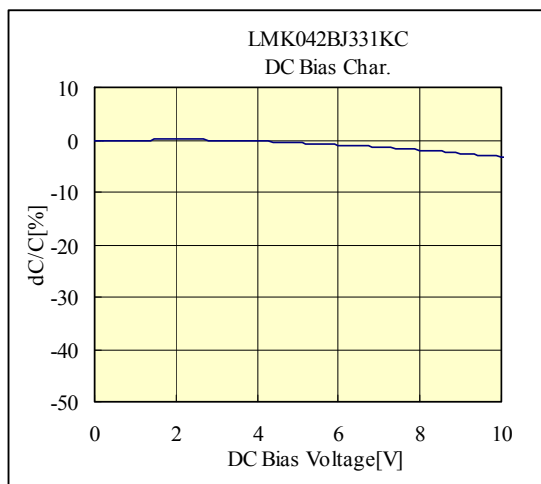
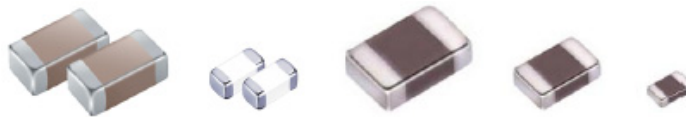
13SA08

RoHS compliance product

## ○LMK042BJ331KC

10V 0402 B/X5R 330pF +/- 10% t=0.22mmMAX

10V 01005 B/X5R 330pF +/- 10% t=0.009inchMAX



部品特性は設置環境、測定条件等により変化する場合があります。本データをご使用される際は実際の製品特性に対する参考データとしてご利用ください。また、本データは予告無く追加・削除及び変更を行う場合があります。ご注文の際は、納入仕様書のご確認をお願いします。

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.

TAIYO YUDEN reserves the right to make change to the data at any time without notice.

Before making final selection, please check product specification.