



**THE DATASHEET OF  
LMK042B7681KC-W**



High Value Multilayer Ceramic Capacitors (High dielectric type)

LMK042B7681KC-W



■ Features

- Item Summary  
10V, X7R, 680pF, ±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                           | 680pF           |
| Capacitance Tolerance                 | ±10%            |
| Temperature Characteristics (EIA/JIS) | X7R/-           |
| Temperature Range (EIA/JIS)           | -55 to +125°C/- |
| Capacitance Change (EIA/JIS)          | ±15/-%          |
| Dielectric Loss Tangent               | 5%MAX           |
| Resistance                            | 10,000 MΩ min.  |
| RoHS Compliance                       | Yes             |
| Halogen Free                          | Yes             |
| Soldering Method                      | Reflow          |

■ External Dimensions

|   |             |
|---|-------------|
| L | 0.4mm ±0.02 |
| W | 0.2mm ±0.02 |
| T | 0.2mm ±0.02 |
| e | 0.1mm ±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-

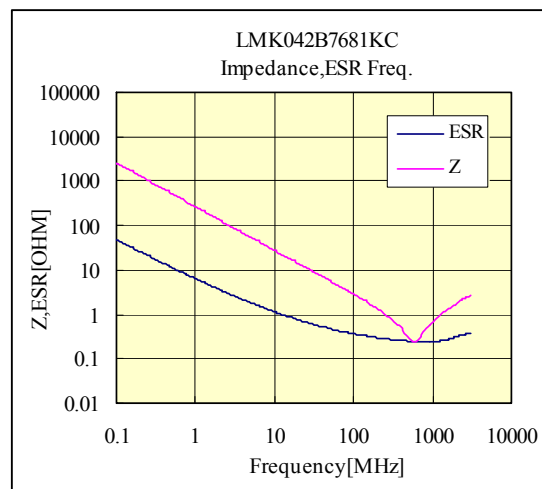
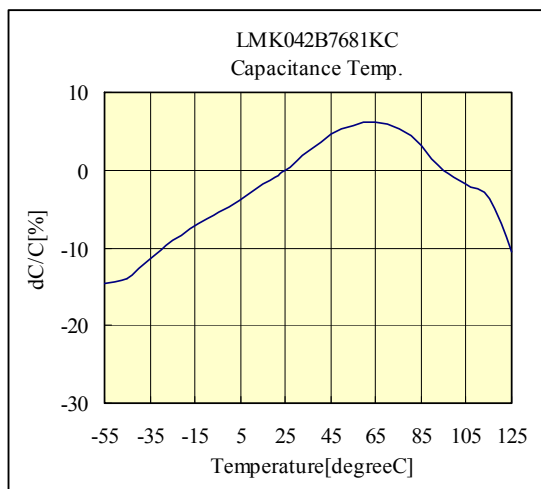
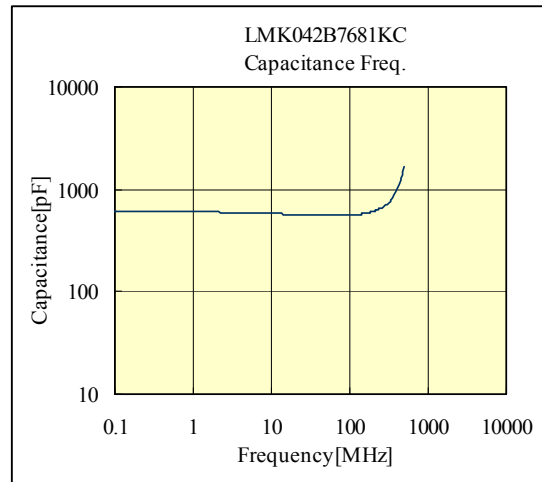
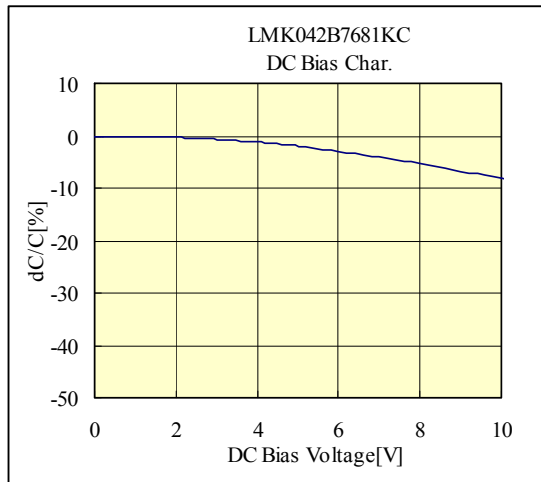
13SA08

RoHS compliance product

## ○ LMK042B7681KC

**10V 0402 X7R 680pF +/- 10% t=0.22mmMAX**

**10V 01005 X7R 680pF +/- 10% t=0.009inchMAX**



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