

## Multilayer Ceramic Capacitors (High dielectric type)

## UMK105B7681MV-F



## ■ Features

- Item Summary  
680pF $\pm$ 20%, 50V,  
X7R, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
Non-preferred
- Standard packaging quantity (minimum)  
Taping paper 10000pcs

## ■ Products characteristics table

|   |                   |
|---|-------------------|
| Capacitance                                   | 680 pF $\pm$ 20 % |
| Case Size (EIA/JIS)                           | 0402/1005         |
| Rated Voltage                                 | 50 V              |
| $\tan \delta$ (max)                           | 2.5 %             |
| Temperature Characteristic (EIA)              | X7R               |
| Operating Temp. Range (EIA)                   | -55 to +125 °C    |
| High Temperature Loading<br>(% Rated Voltage) | 200 %             |
| Insulation Resistance (min)                   | 10 G $\Omega$     |
| RoHS Compliance (10 subst.)                   | Yes               |
| REACH Compliance (191 subst.)                 | Yes               |
| Halogen Free                                  | Yes               |
| Soldering                                     | Reflow            |

## ■ External Dimensions

|             |                    |
|-------------|--------------------|
| Dimension L | 1.0 $\pm$ 0.05 mm  |
| Dimension W | 0.5 $\pm$ 0.05 mm  |
| Dimension T | 0.5 $\pm$ 0.05 mm  |
| Dimension e | 0.25 $\pm$ 0.10 mm |

2019.04.03

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.

## Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

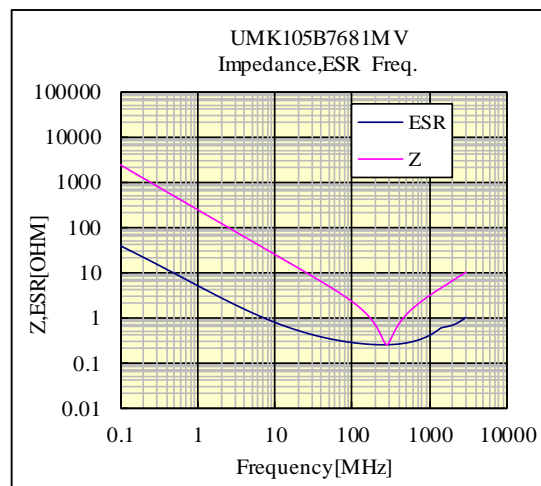
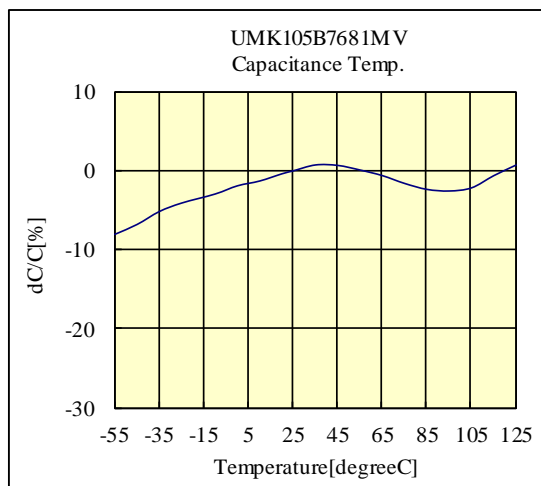
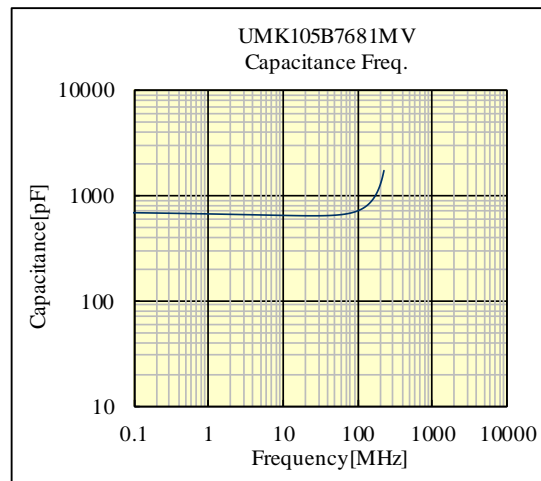
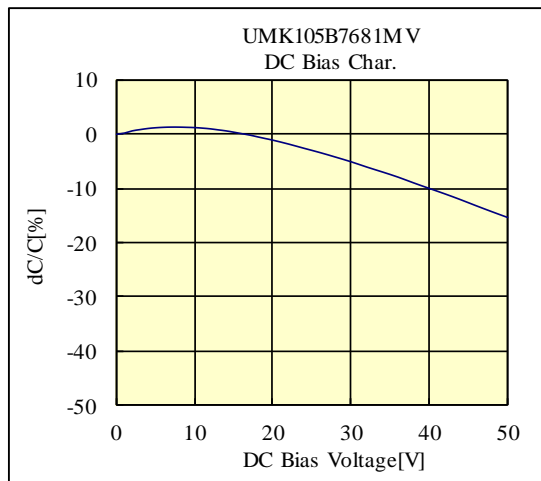
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RoHS compliance product

### ○UMK105B7681MV

50V 1005 X7R 680pF +/- 20% t=0.55mmMAX

50V 0402 X7R 680pF +/- 20% t=0.022inchMAX



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