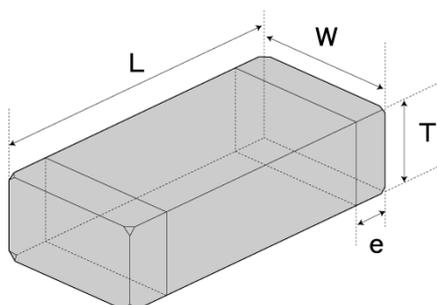


## High Value Multilayer Ceramic Capacitors (High dielectric type)

### UMK105B7682KV-F



#### ■ Features

- Item Summary  
6800pF±10%, 50V,  
X7R, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping paper 10000pcs

#### ■ Products characteristics table

|   |                |
|---|----------------|
| Capacitance                                   | 6800 pF ± 10 % |
| Case Size (EIA/JIS)                           | 0402/1005      |
| Rated Voltage                                 | 50 V           |
| tan δ (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 GΩ          |
| RoHS2 Compliance (10 subst.)                  | Yes            |
| REACH Compliance (168 subst.)                 | Yes            |
| Soldering                                     | Reflow         |

#### ■ External Dimensions

|             |               |
|-------------|---------------|
| Dimension L | 1.0 ±0.05 mm  |
| Dimension W | 0.5 ±0.05 mm  |
| Dimension T | 0.5 ±0.05 mm  |
| Dimension e | 0.25 ±0.10 mm |

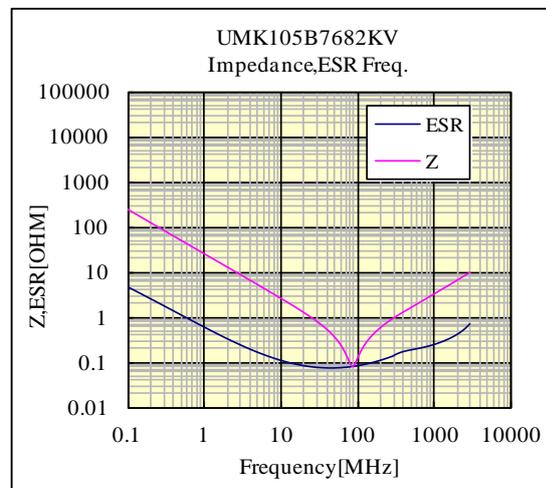
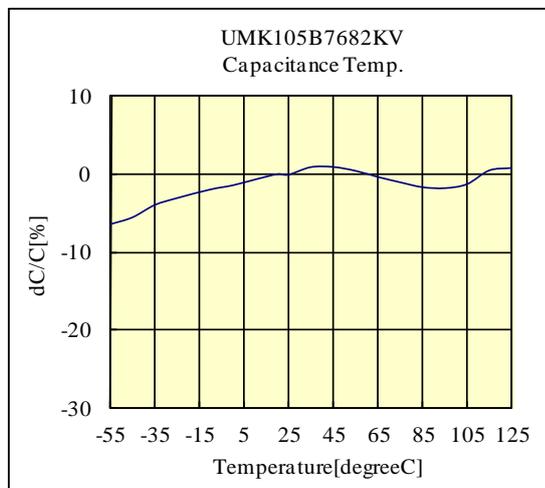
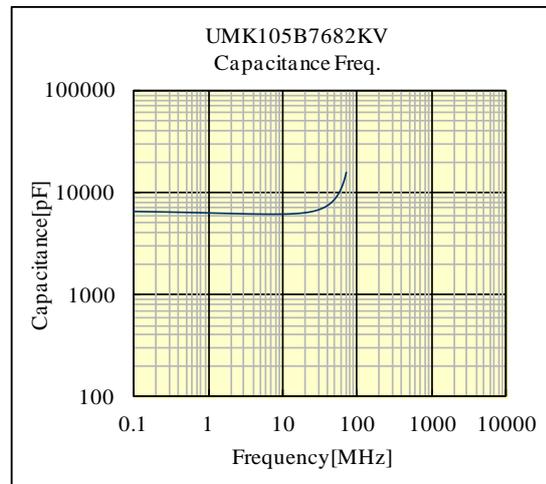
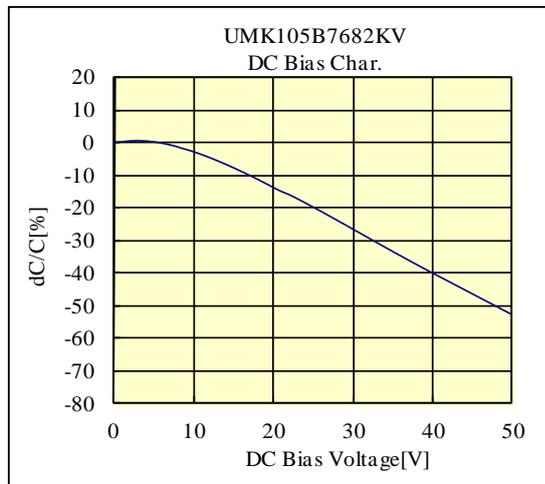
2016.10.05

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.

## ○UMK105B7682KV

**50V 1005 X7R 6800pF +/- 10% t=0.55mmMAX**

**50V 0402 X7R 6800pF +/- 10% t=0.022inchMAX**



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