

# Medium-High Voltage Multilayer Ceramic Capacitors

## HMK105B7222KV-F



### ■ Features

- Item Summary  
2200pF±10%, 100V,  
X7R, 0402/1005 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping paper 10000pcs

### ■ Products characteristics table

|   |                |
|---|----------------|
| Capacitance                                   | 2200 pF ± 10 % |
| Case Size (EIA/JIS)                           | 0402/1005      |
| Rated Voltage                                 | 100 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 (181 subst.)                 | Yes            |
| Halogen Free                                  | 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 |

2018.08.18

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-

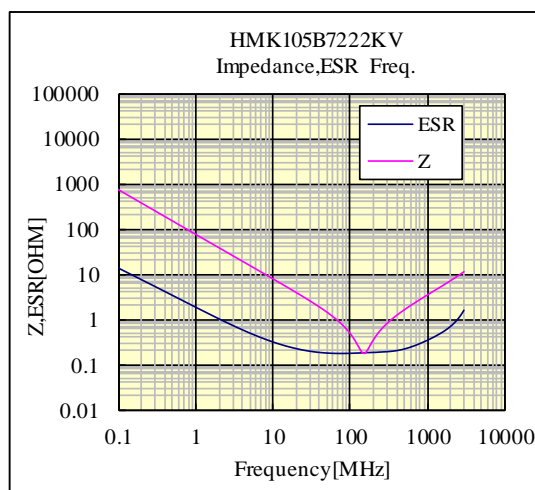
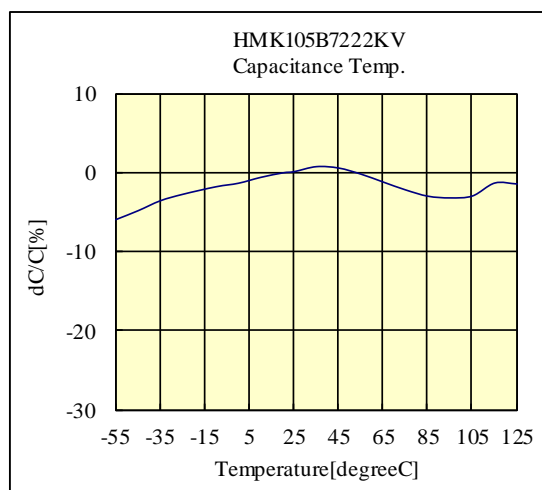
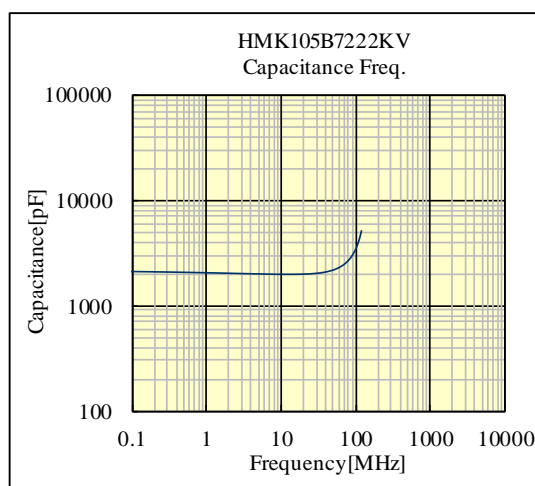
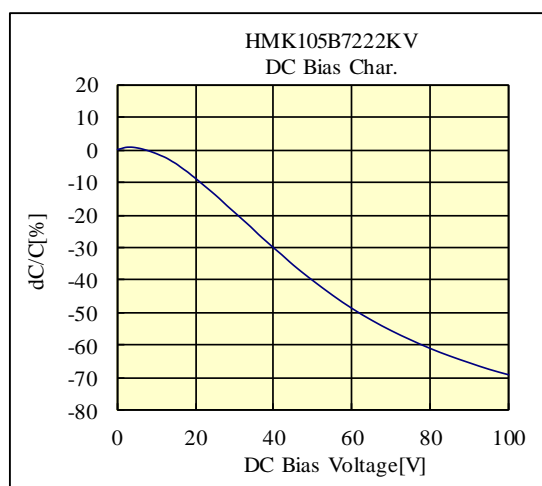
18QA06

RoHS compliance product

### ○HMK105B7222KV

100V 1005 X7R 2200pF +/- 10% t=0.55mmMAX

100V 0402 X7R 2200pF +/- 10% t=0.022inchMAX



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Before making final selection, please check product specification.

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