

# Medium-High Voltage Multilayer Ceramic Capacitors

## HMK107B7152KA-T



### ■ Features

- Item Summary  
1500pF $\pm$ 10%, 100V,  
X7R, 0603/1608 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping paper 4000pcs

### ■ Products characteristics table

|                                               |                    |
|-----------------------------------------------|--------------------|
| Capacitance                                   | 1500 pF $\pm$ 10 % |
| Case Size (EIA/JIS)                           | 0603/1608          |
| Rated Voltage                                 | 100 V              |
| $\tan \delta$ (max)                           | 3.5 %              |
| Temperature Characteristic (EIA)              | X7R                |
| Operating Temp. Range (EIA)                   | -55 to +125 °C     |
| High Temperature Loading<br>(% Rated Voltage) | 200 %              |
| Insulation Resistance (min)                   | 10 G $\Omega$      |
| RoHS2 Compliance (10 subst.)                  | Yes                |
| REACH Compliance (181 subst.)                 | Yes                |
| Halogen Free                                  | Yes                |
| Soldering                                     | Reflow             |

### ■ External Dimensions

|             |                    |
|-------------|--------------------|
| Dimension L | 1.6 $\pm$ 0.10 mm  |
| Dimension W | 0.8 $\pm$ 0.10 mm  |
| Dimension T | 0.8 $\pm$ 0.10 mm  |
| Dimension e | 0.35 $\pm$ 0.25 mm |

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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-

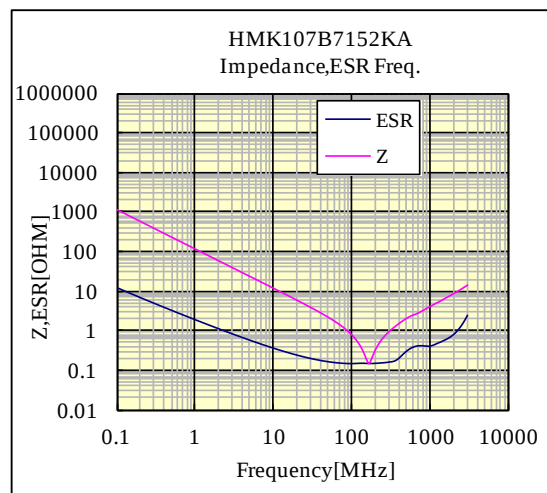
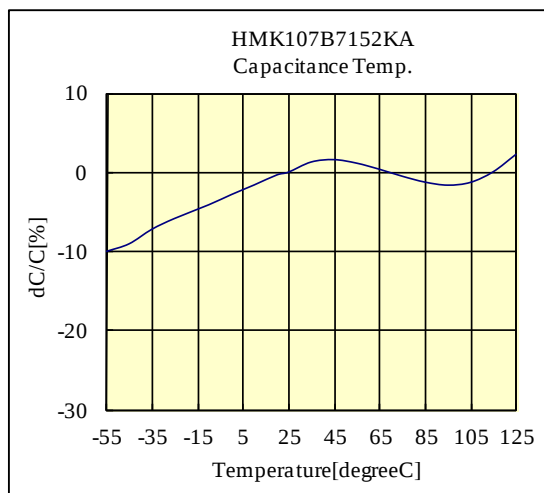
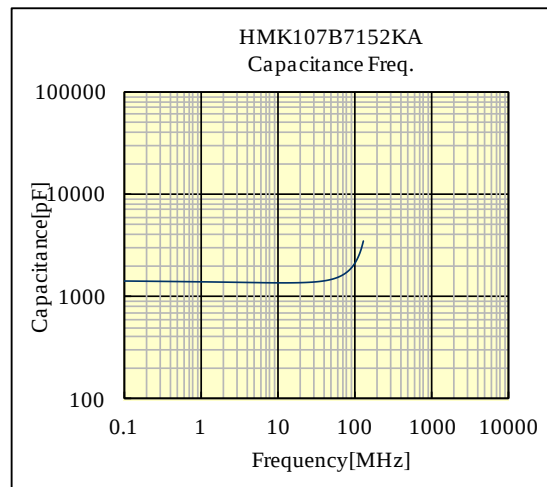
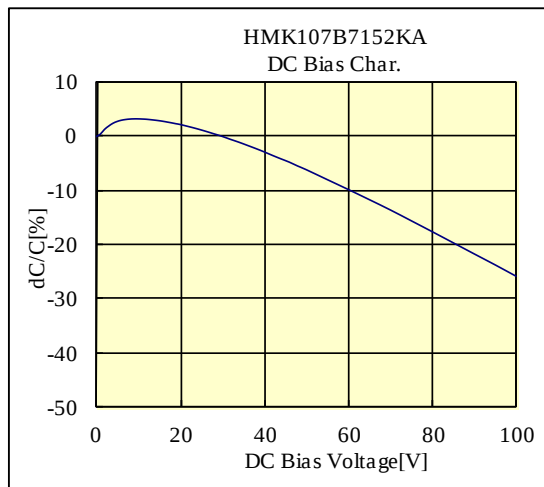
16QA11

RoHS compliance product

### ○HMK107B7152KA

100V 1608 X7R 1500pF +/- 10% t=0.9mmMAX

100V 0603 X7R 1500pF +/- 10% t=0.035inchMAX



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Before making final selection, please check product specification.

Please read this notice before using the TAIYO YUDEN products.



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