

# Spec Sheet

Soft Termination MLCC for Automotive (BODY & CHASSIS, INFOTAINMENT) Applications

## HMJ107BB7472MAHT



### ■ Features

- Item Summary  
4700pF±20%, 100V,  
X7R, 0603/1608 (EIA/JIS)
- Lifecycle Stage  
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping Paper 3000pcs

### ■ Products characteristics table

|   |                |
|---|----------------|
| Capacitance                                   | 4700 pF ± 20 % |
| Case Size (EIA/JIS)                           | 0603/1608      |
| Rated Voltage                                 | 100 V          |
| tan δ (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 GΩ          |
| RoHS Compliance (10 subst.)                   | Yes            |
| REACH Compliance (209 subst.)                 | Yes            |
| Halogen Free                                  | Yes            |
| Soldering                                     | Reflow         |

### ■ External Dimensions

|             |                    |
|-------------|--------------------|
| Dimension L | 1.6 +0.20/-0.00 mm |
| Dimension W | 0.8 +0.20/-0.00 mm |
| Dimension T | 0.8 +0.20/-0.00 mm |
| Dimension e | 0.35 +0.3/-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-

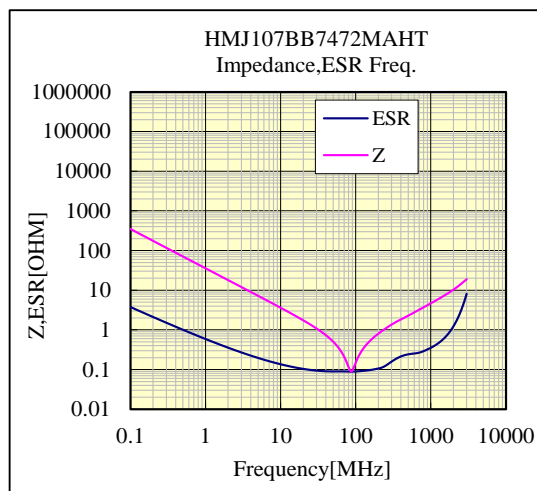
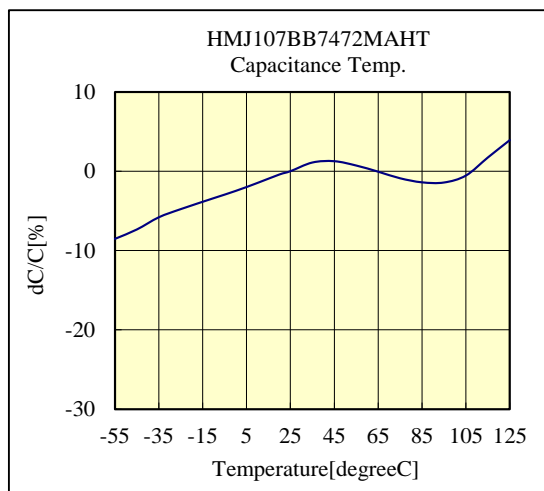
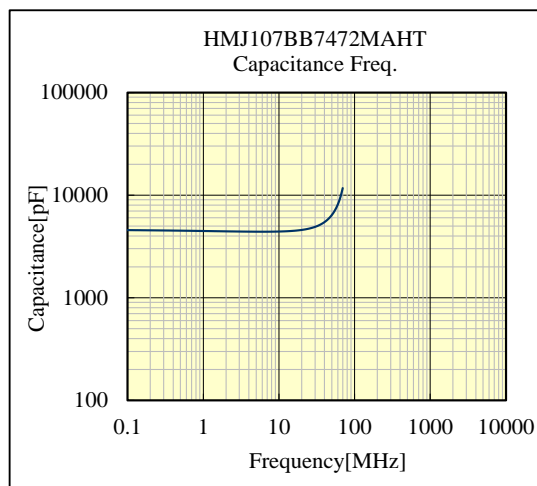
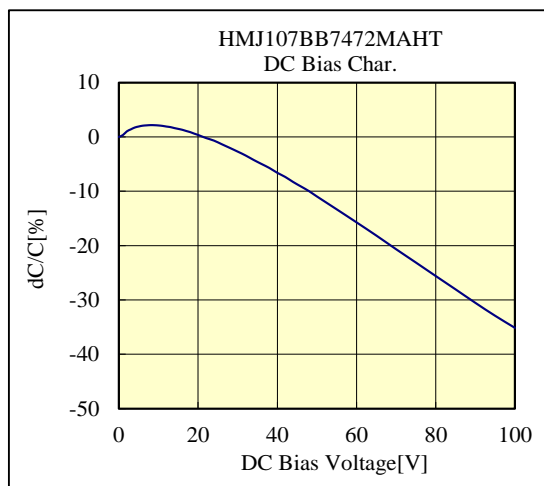
17QA07

RoHS compliance product

### ○HMJ107BB7472MAHT

100V 1608 X7R 4700pF +/- 20% t=1.0mmMAX

100V 0603 X7R 4700pF +/- 20% t=0.039inchMAX



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