

# SMK316B7152KFHT



### ■ Features

- Item Summary  
1500pF±10%, 630V,  
X7R, 1206/3216 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping Embossed 3000pcs

### ■ Products characteristics table

|   |                |
|---|----------------|
| Capacitance                                   | 1500 pF ± 10 % |
| Case Size (EIA/JIS)                           | 1206/3216      |
| Rated Voltage                                 | 630 V          |
| tan δ (max)                                   | 2.5 %          |
| Temperature Characteristic (EIA)              | X7R            |
| Operating Temp. Range (EIA)                   | -55 to +125 °C |
| High Temperature Loading<br>(% Rated Voltage) | 120 %          |
| Insulation Resistance (min)                   | 10 GΩ          |
| RoHS2 Compliance (10 subst.)                  | Yes            |
| REACH Compliance (173 subst.)                 | Yes            |
| Halogen Free                                  | Yes            |
| Soldering                                     | Reflow         |

### ■ External Dimensions

|             |                     |
|-------------|---------------------|
| Dimension L | 3.2 ±0.15 mm        |
| Dimension W | 1.6 ±0.15 mm        |
| Dimension T | 1.15 ±0.10 mm       |
| Dimension e | 0.50 +0.35/-0.25 mm |

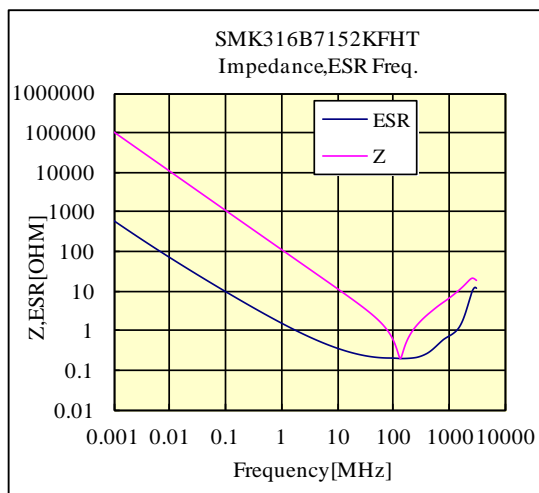
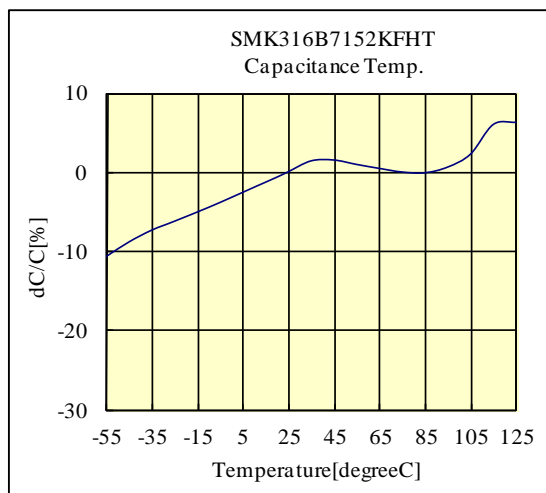
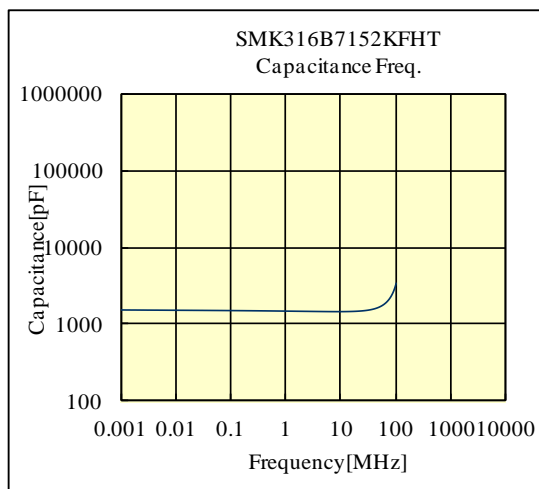
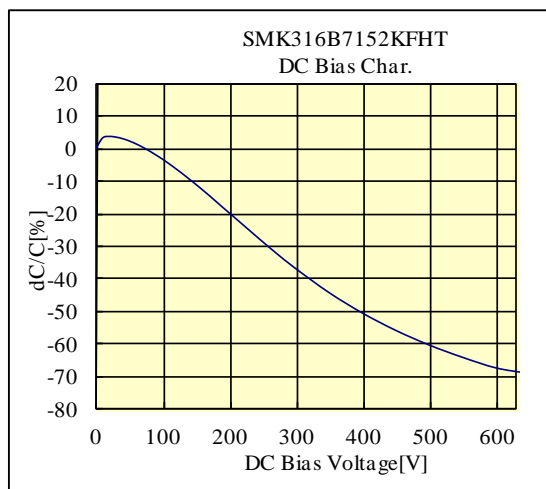
2017.04.30

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
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 Before making final selection, please check product specification.

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630V 3216 X7R 1500pF +/- 10% t=1.25mmMAX

630V 1206 X7R 1500pF +/- 10% t=0.049inchMAX



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