

Medium-high Voltage Multilayer Ceramic Capacitors

SMK316B7152KF-T



■ Features

- Item Summary
630V, X7R, 0.0015 μ F, \pm 10%, 1206
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 3000pcs

■ Products characteristics table

| | |
|---------------------------------------|----------------------------|
| CaseSize (EIA/JIS) | 1206/3216 |
| Rated Voltage (max) | 630V |
| Capacitance | 0.0015 μ F |
| Capacitance Tolerance | \pm 10% |
| Resistance | 10,000 M Ω min. |
| Dielectric Loss Tangent | 2.5%MAX |
| Temperature Characteristics (EIA/JIS) | X7R/- |
| Temperature Range (EIA/JIS) | -55 to +125 $^{\circ}$ C/- |
| Capacitance Change (EIA/JIS) | \pm 15/-% |
| RoHS Compliance | Yes |
| Halogen Free | Yes |
| Soldering Method | Reflow |

■ External Dimensions

| | |
|---|-------------------|
| L | 3.2mm \pm 0.15 |
| W | 1.6mm \pm 0.15 |
| T | 1.15mm \pm 0.10 |
| e | 0.5mm +0.35-0.25 |

2015.01.12

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.

Multi Layer Ceramic Capacitor

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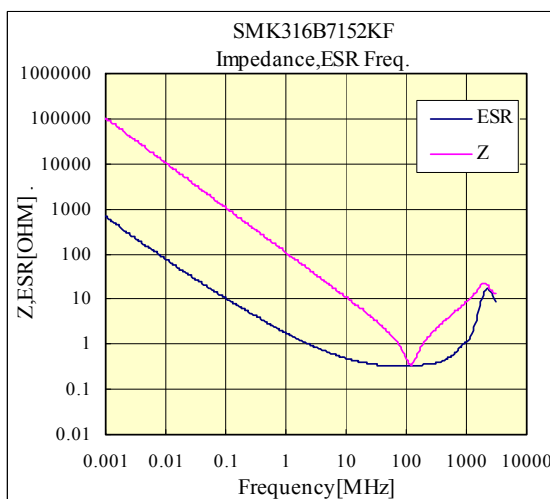
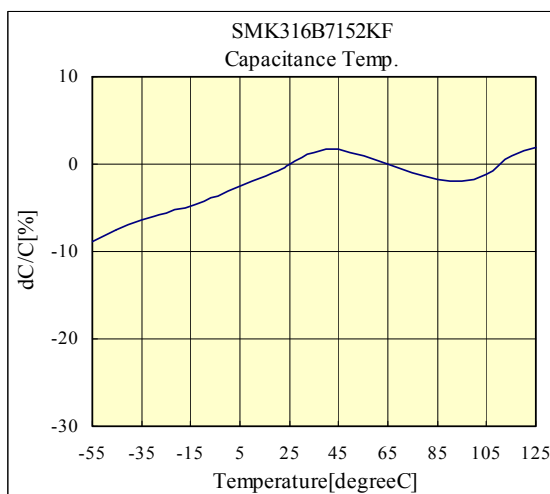
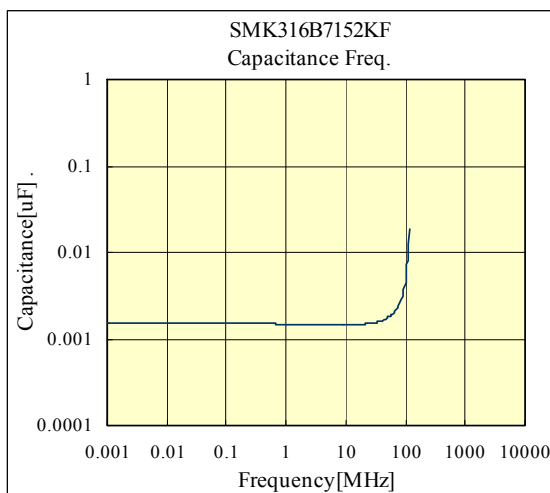
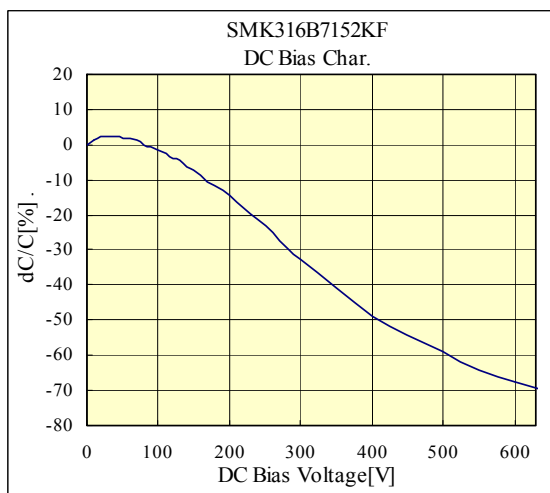
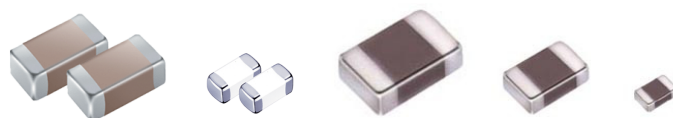
-Electrical Characteristics Data- Jan-2011

RoHS compliance product

○SMK316B7152KF

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

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



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