

Medium-High Voltage Multilayer Ceramic Capacitors

SMK316BJ152KF-T



■ Features

- Item Summary
1500pF±10%, 630V,
X5R/B, 1206/3216 (EIA/JIS)
- Lifecycle Stage
Mass Production
- 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) | X5R |
| Operating Temp. Range (EIA) | -55 to +85 °C |
| Temperature Characteristic (JIS) | B |
| Operating Temp. Range (JIS) | -25 to +85 °C |
| High Temperature Loading (% 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 |

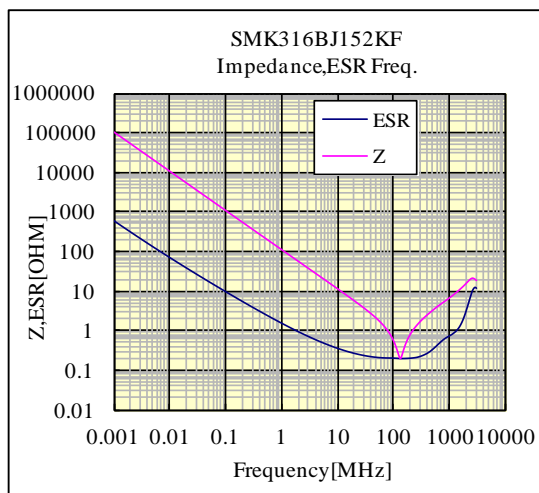
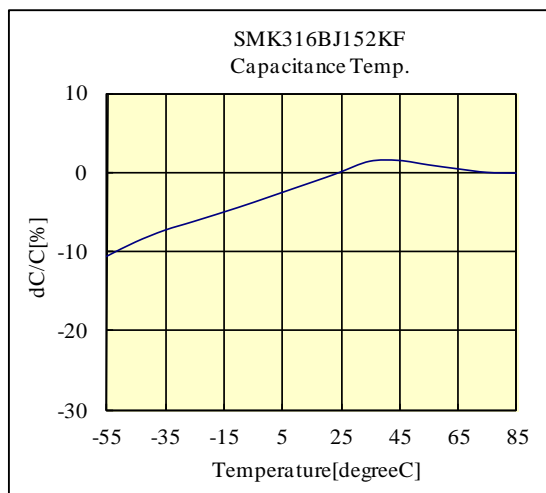
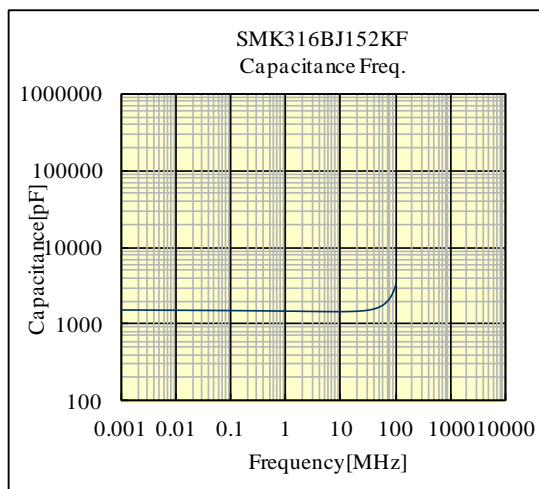
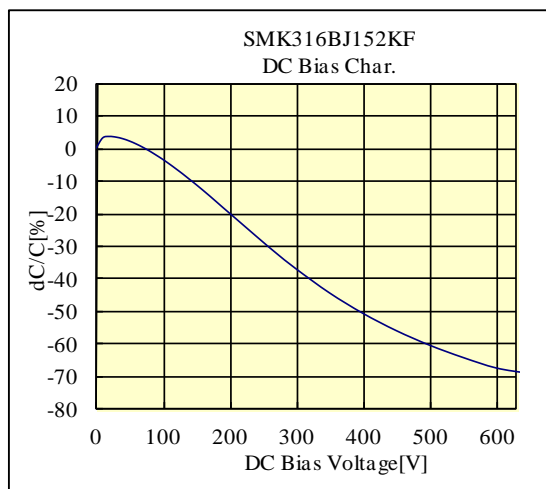
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The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
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 Before making final selection, please check product specification.

○SMK316BJ152KF

630V 3216 B/X5R 1500pF +/- 10% t=1.25mmMAX

630V 1206 B/X5R 1500pF +/- 10% t=0.049inchMAX



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