

Multilayer Ceramic Capacitors

SMJ316KB7103MFHT



■ Features

- Item Summary
0.01 $\mu\text{F} \pm 20\%$, 630V,
X7R, 1206/3216 (EIA/JIS)
- Lifecycle Stage
New PN available
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 3000pcs

■ Products characteristics table

| | |
|---|-----------------------------|
| Capacitance | 0.01 $\mu\text{F} \pm 20\%$ |
| Case Size (EIA/JIS) | 1206/3216 |
| Rated Voltage | 630 V |
| $\tan \delta$ (max) | 2.5 % |
| Temperature Characteristic (EIA) | X7R |
| Operating Temp. Range (EIA) | -55 to +125 °C |
| High Temperature Loading (% Rated Voltage) | 120 % |
| Insulation Resistance (min) | 10 G Ω |
| RoHS Compliance (10 subst.) | Yes |
| REACH Compliance (223 subst.) | Yes |
| Halogen Free | Yes |
| Soldering | Reflow |

■ External Dimensions

| | |
|-------------|--------------------|
| Dimension L | 3.2 ± 0.20 mm |
| Dimension W | 1.6 ± 0.20 mm |
| Dimension T | 1.15 ± 0.20 mm |
| Dimension e | 0.60 +0.4/-0.3 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

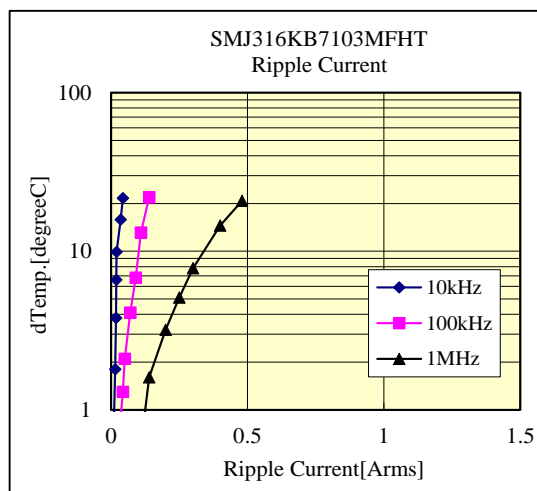
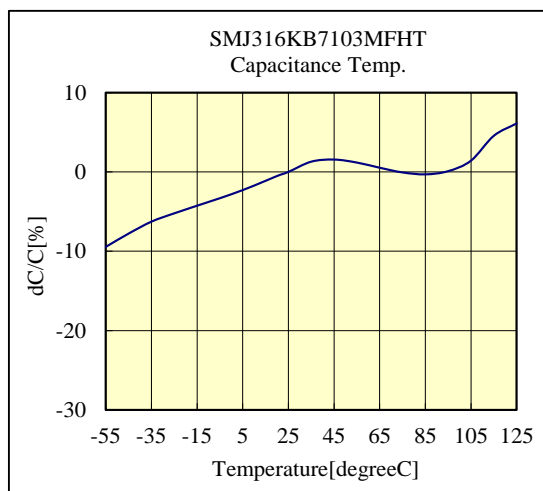
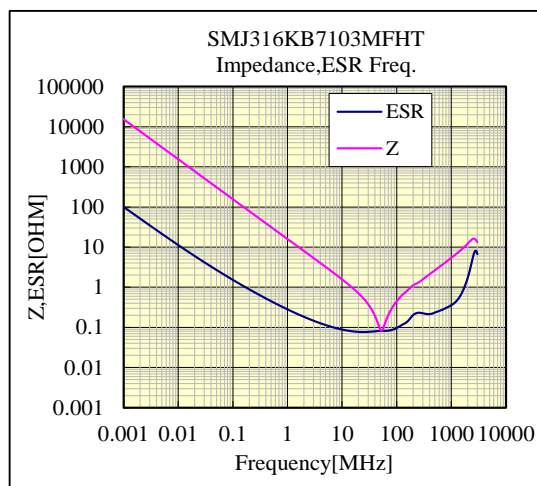
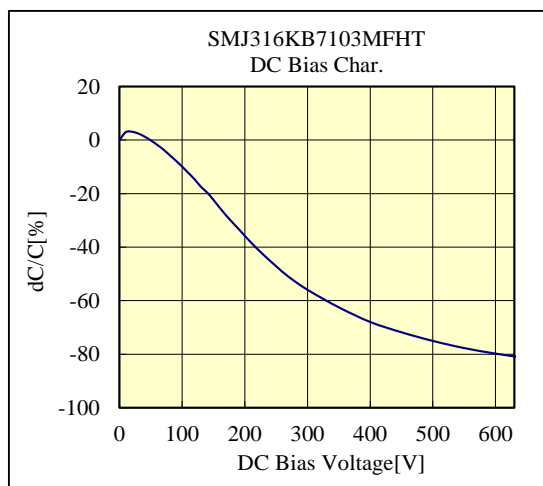
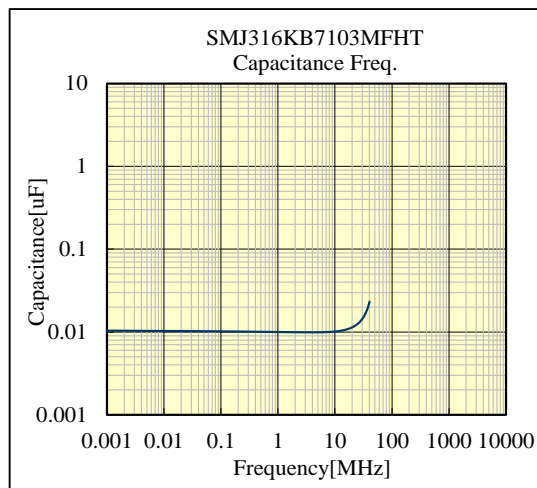
-Electrical Characteristics Data-

17QA07

RoHS compliance product

○SMJ316KB7103MFHT

630V 3216 X7R 0.01 μ F +/- 20% t=1.35mmMAX
630V 1206 X7R 0.01 μ F +/- 20% t=0.053inchMAX



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