

Medium-High Voltage Multilayer Ceramic Capacitors

SMK316B7103KF-T



■ Features

- Item Summary
0.01 $\mu\text{F} \pm 10\%$, 630V,
X7R, 1206/3216 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 3000pcs

■ Products characteristics table

Capacitance	0.01 $\mu\text{F} \pm 10\%$
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
HALT (% Rated Voltage)	120 %
Insulation Resistance (min)	10 G Ω
RoHS2 Compliance	Yes
REACH Compliance	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

2016.01.25

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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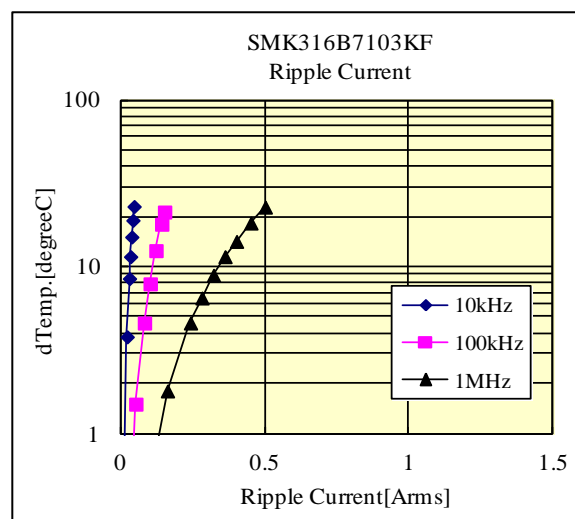
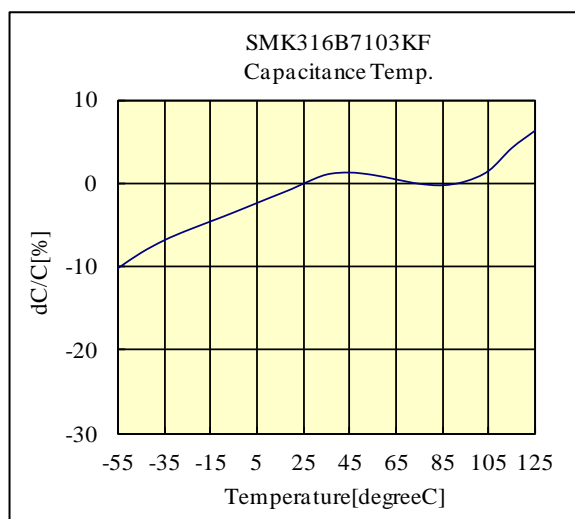
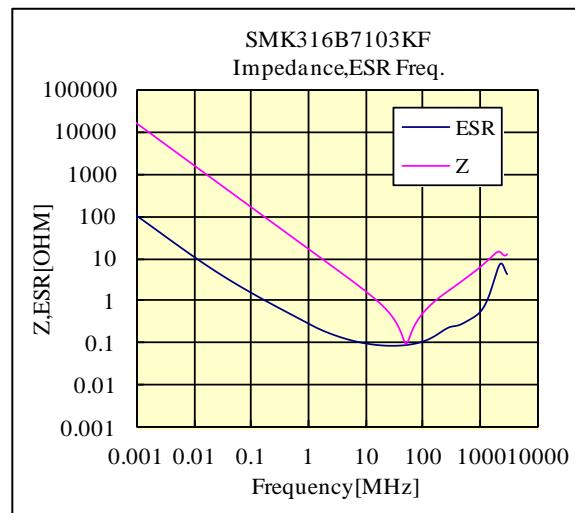
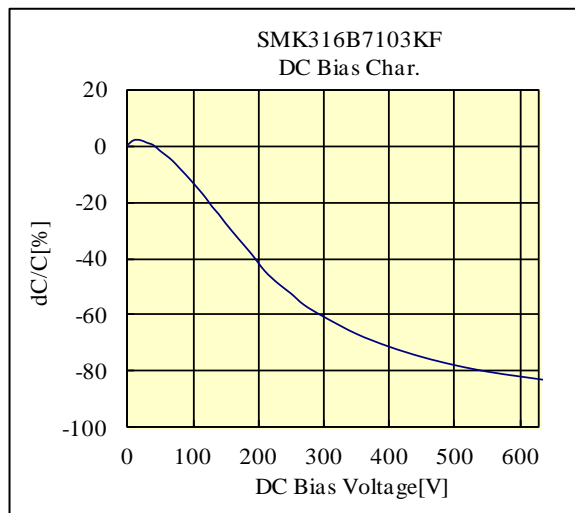
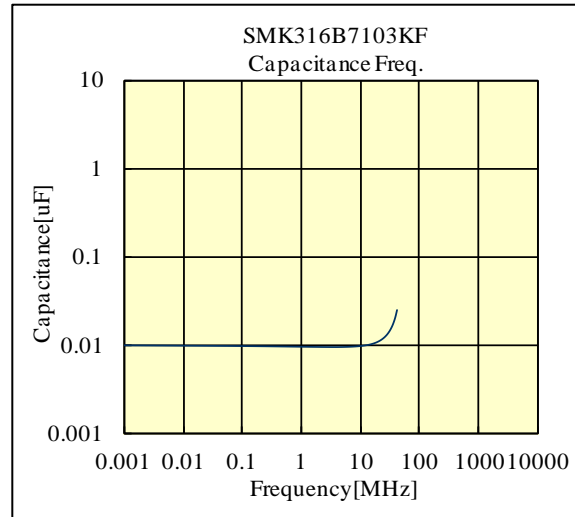
-Electrical Characteristics Data-

14QA11

RoHS compliance product

○SMK316B7103KF

630V 3216 X7R 0.01uF +/- 10% t=1.25mmMAX
630V 1206 X7R 0.01uF +/- 10% t=0.049inchMAX



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