

Medium-High Voltage Multilayer Ceramic Capacitors

SMK316BJ103MF-T



■ Features

- Item Summary
0.01 μ F $\pm$ 20%, 630V,
X5R/B, 1206/3216 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 3000pcs

■ Products characteristics table

Capacitance	0.01 μ F $\pm$ 20 %
Case Size (EIA/JIS)	1206/3216
Rated Voltage	630 V
$\tan \delta$ (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 G Ω
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (168 subst.)	Yes
Soldering	Reflow

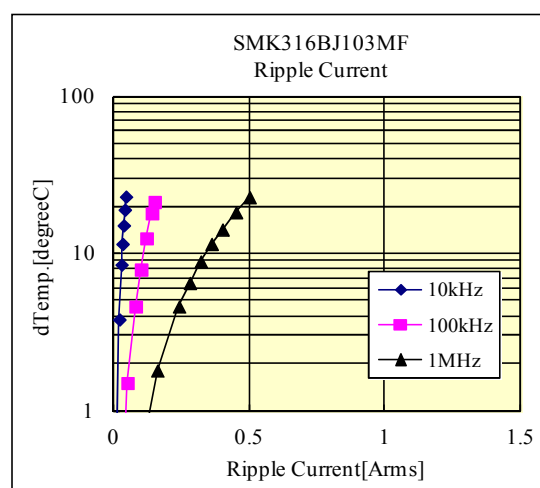
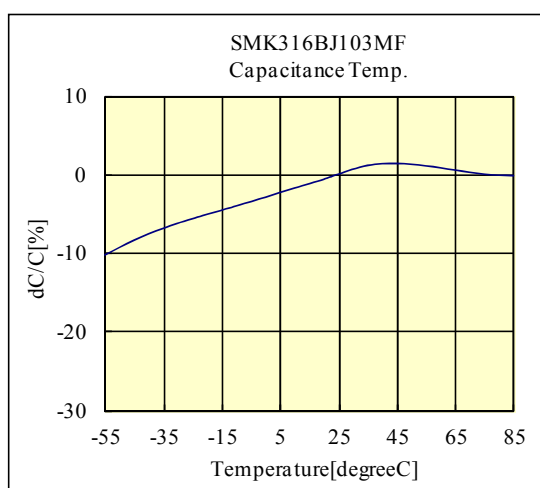
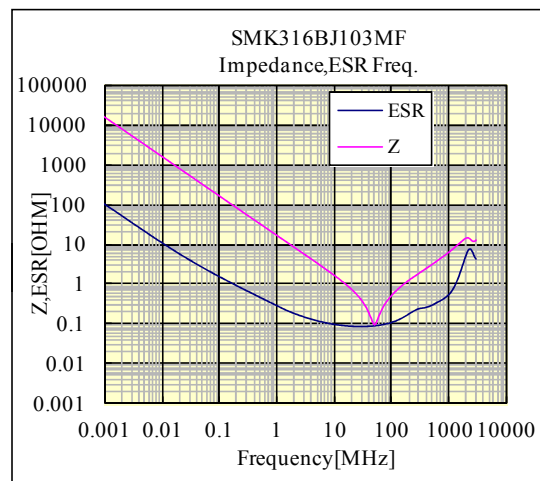
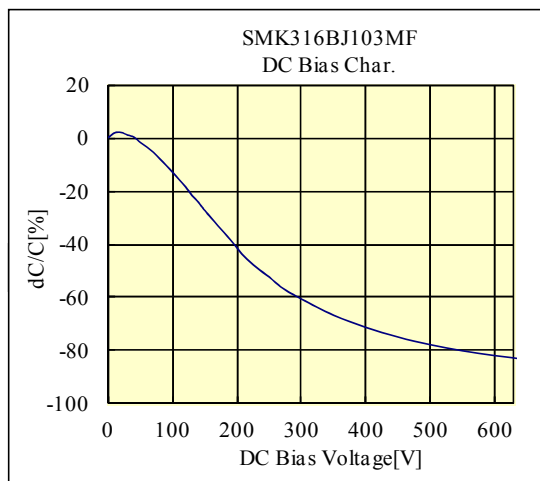
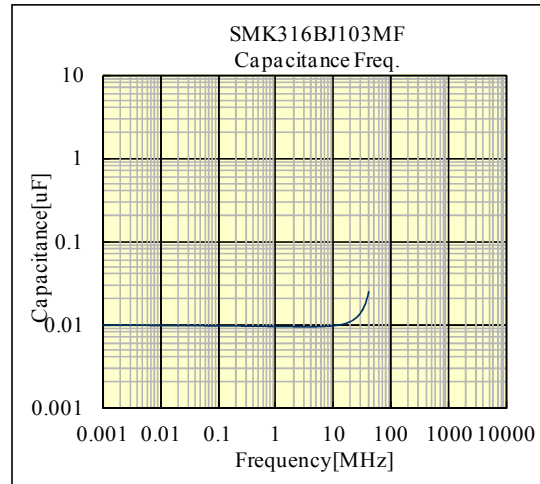
■ External Dimensions

Dimension L	3.2 $\pm$ 0.15 mm
Dimension W	1.6 $\pm$ 0.15 mm
Dimension T	1.15 $\pm$ 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.

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630V 3216 B/X5R 0.01 μ F $\pm$ 20% $t=1.25\text{mm}$ MAX630V 1206 B/X5R 0.01 μ F $\pm$ 20% $t=0.049\text{inch}$ MAX

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