

## Medium-High Voltage Multilayer Ceramic Capacitors

## SMK316BJ103MF-T



## ■ Features

- Item Summary  
0.01 uF ± 20%, 630V,  
X5R/B, 1206/3216 (EIA/JIS)
- Lifecycle Stage  
Mass Production (Preferred)
- Standard packaging quantity (minimum)  
Taping Embossed 3000pcs

## ■ Products characteristics table

Capacitance	0.01 uF ± 20 %
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
RoHS Compliance (10 subst.)	Yes
REACH Compliance (209 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

2021.07.01

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

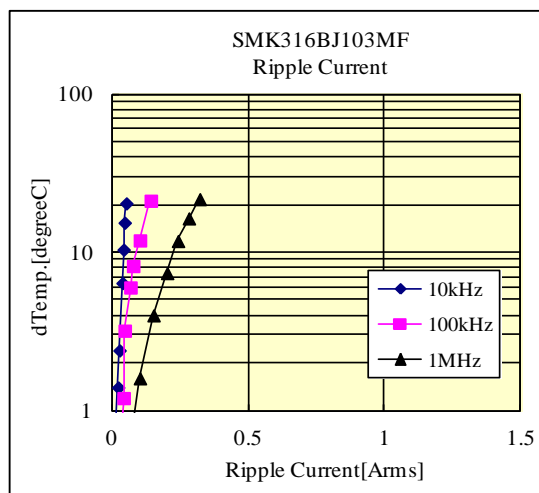
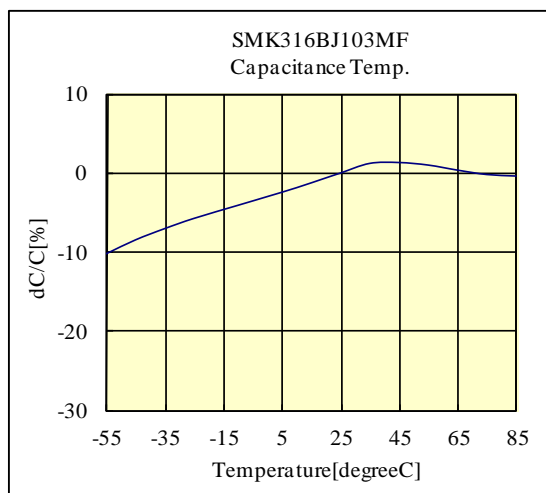
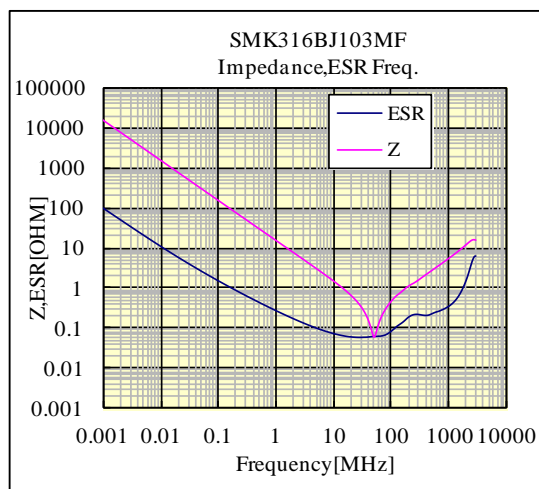
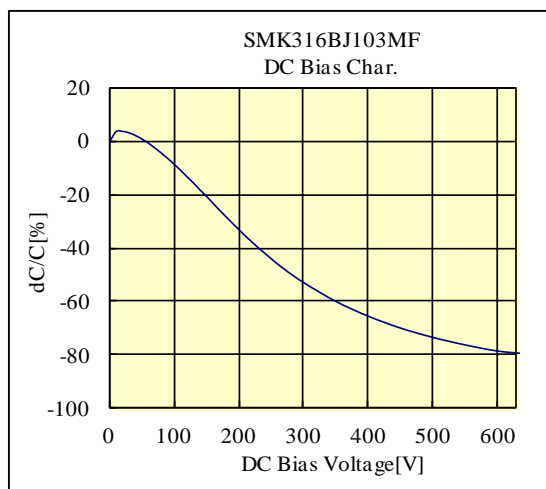
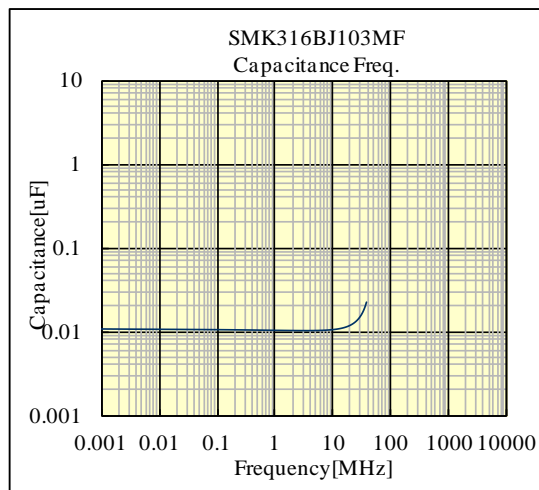
-Electrical Characteristics Data-

16QA11

RoHS compliance product

### ○SMK316BJ103MF

**630V 3216 B/X5R 0.01 $\mu$ F +/- 20% t=1.25mmMAX**  
**630V 1206 B/X5R 0.01 $\mu$ F +/- 20% t=0.049inchMAX**



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