



**THE DATASHEET OF
SMK316B7103KFHT**



Multilayer Ceramic Capacitors

SMK316B7103KFHT



■ Features

- Item Summary
0.01 μ F \pm 10%, 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 μ 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
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 \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

2022.05.26

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

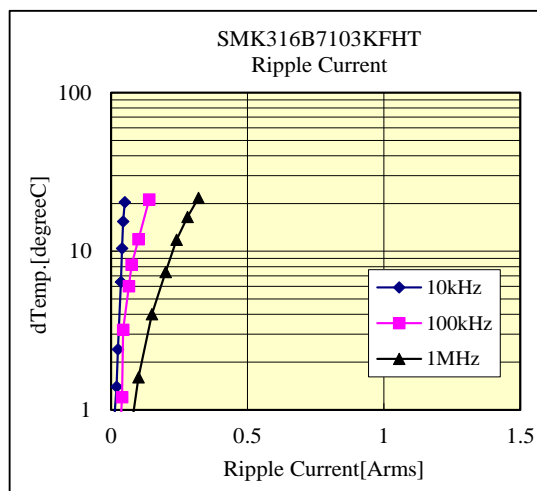
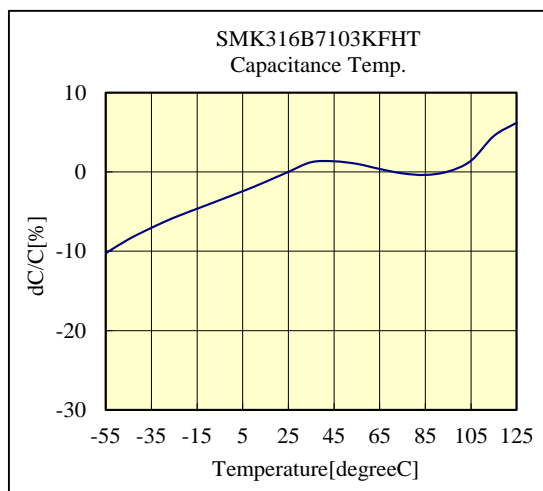
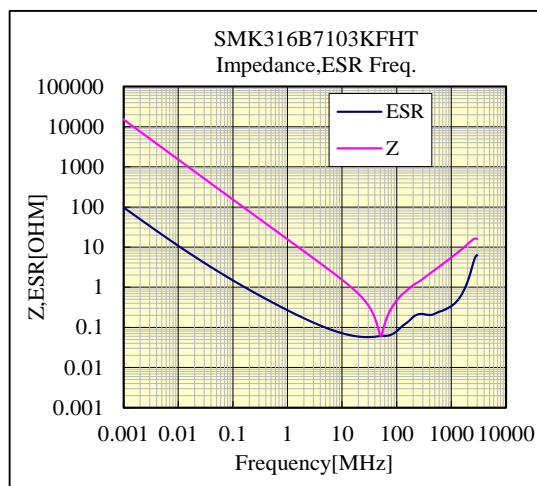
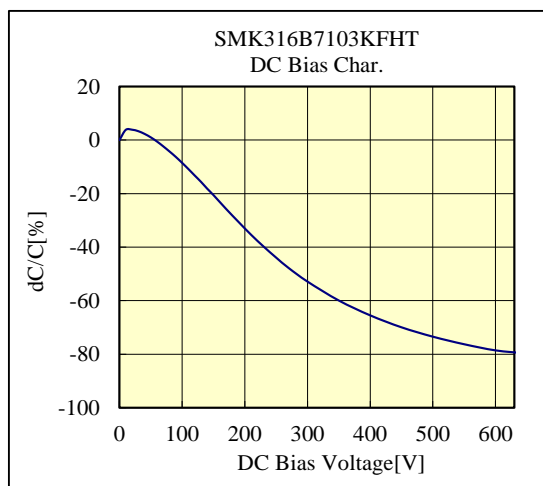
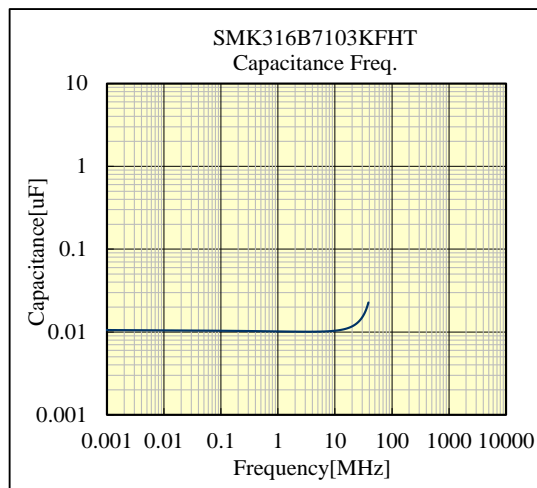
-Electrical Characteristics Data-

17QA07

RoHS compliance product

○SMK316B7103KFHT

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



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