

Medium-High Voltage MLCC for Automotive / Industrial Applications

SMK316B7102MFHT



■ Features

- Item Summary
630V, X7R, 0.001 μ F, \pm 20%, 1206
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 3000pcs

■ Products characteristics table

CaseSize (EIA/JIS)	1206/3216
Rated Voltage (max)	630V
Capacitance	0.001 μ F
Capacitance Tolerance	\pm 20%
Resistance	10,000 M Ω min.
Dielectric Loss Tangent	2.5%MAX
Temperature Characteristics (EIA/JIS)	X7R/-
Temperature Range (EIA/JIS)	-55 to +125 $^{\circ}$ C/-
Capacitance Change (EIA/JIS)	\pm 15/-%
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	3.2mm \pm 0.15
W	1.6mm \pm 0.15
T	1.15mm \pm 0.10
e	0.5mm +0.35-0.25

2015.02.03

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-

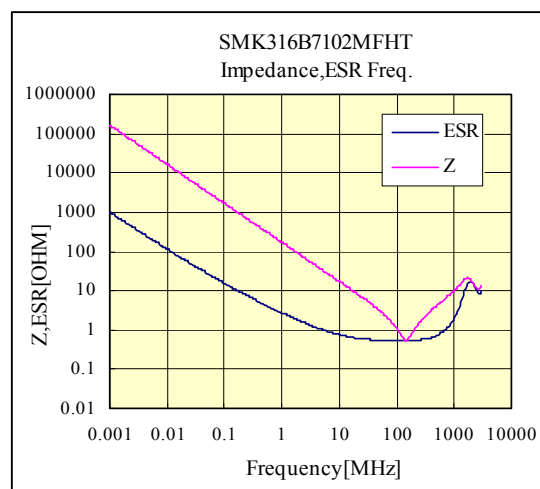
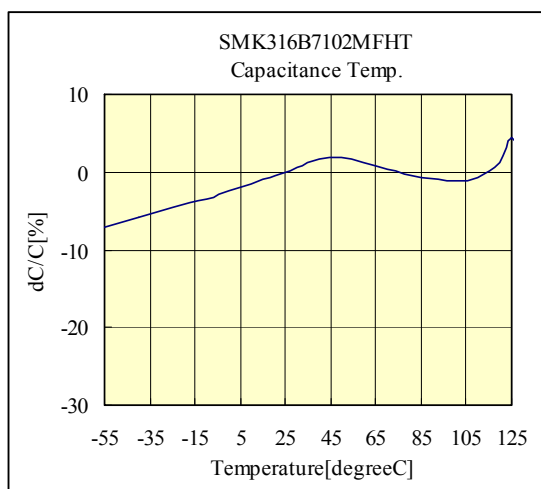
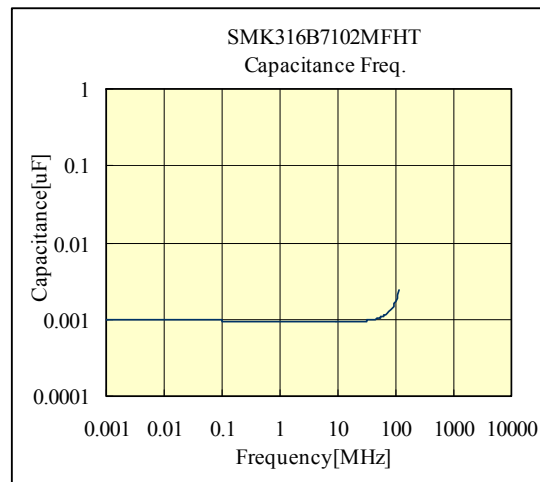
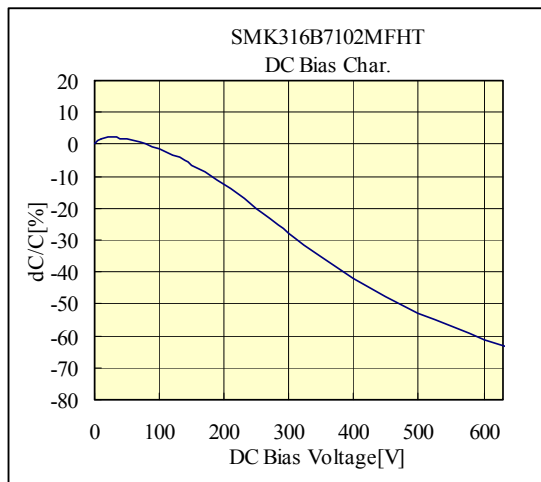
13QA01

RoHS compliance product

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630V 3216 X7R 1000pF +/- 20% t=1.25mmMAX

630V 1206 X7R 1000pF +/- 20% t=0.049inchMAX



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