

Soft Termination MLCC for Automotive / Industrial Applications

SMJ316B7102KFHT



■ Features

- Item Summary
1000pF±10%, 630V,
X7R, 1206/3216 (EIA/JIS)
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 3000pcs

■ Products characteristics table

Capacitance	1000 pF ± 10 %
Case Size (EIA/JIS)	1206/3216
Rated Voltage	630 V
tan δ (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 GΩ
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 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	0.60 +0.4/-0.3 mm

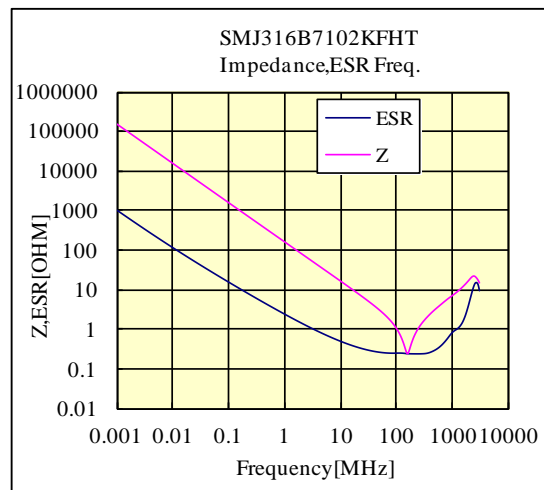
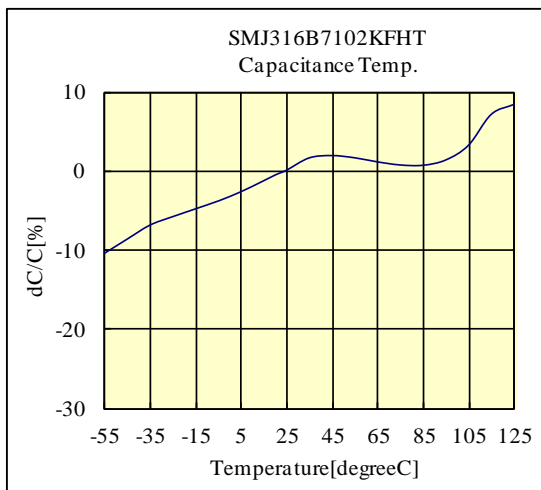
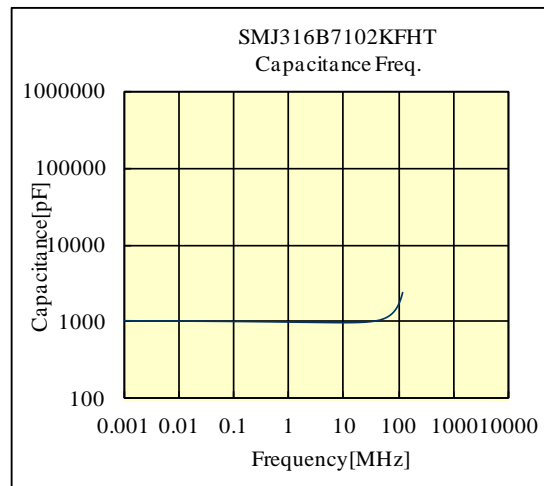
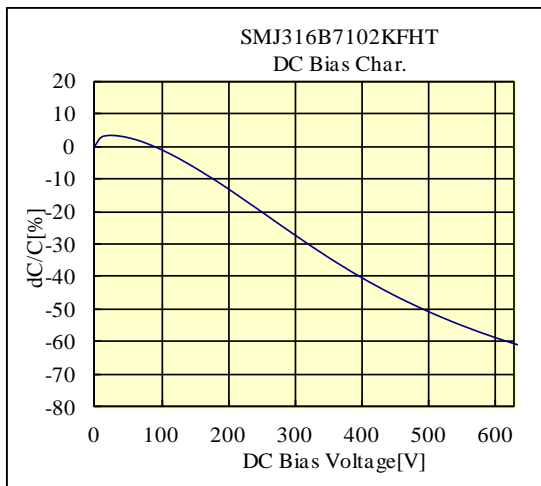
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The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
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 Before making final selection, please check product specification.

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630V 3216 X7R 1000pF +/- 10% t=1.25mmMAX

630V 1206 X7R 1000pF +/- 10% t=0.049inchMAX



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