

Spec Sheet

Medium-High Voltage Multilayer Ceramic Capacitors for Automotive / Industrial Applications

SMK316B7223KLHT



■ Features

- Item Summary
0.022uF±10%, 630V,
X7R, 1206/3216 (EIA/JIS)
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 2000pcs

■ Products characteristics table

Capacitance	0.022 uF ± 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)	100 MΩ · μF
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (168 subst.)	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	3.2 ±0.15 mm
Dimension W	1.6 ±0.15 mm
Dimension T	1.6 ±0.20 mm
Dimension e	0.50 +0.35/-0.25 mm

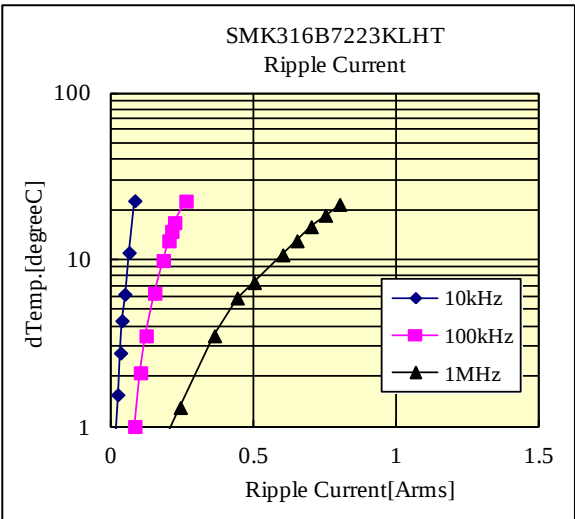
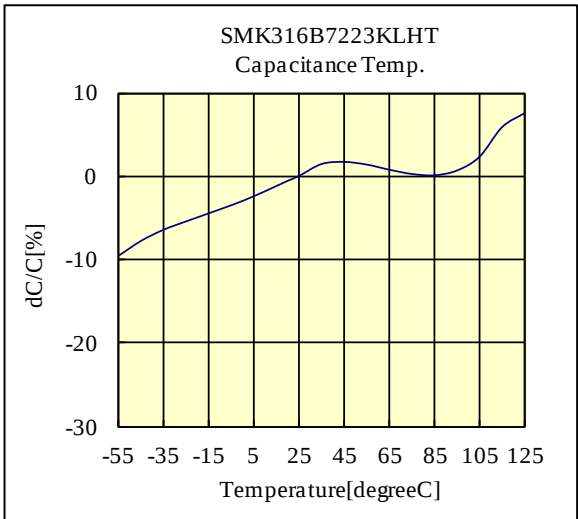
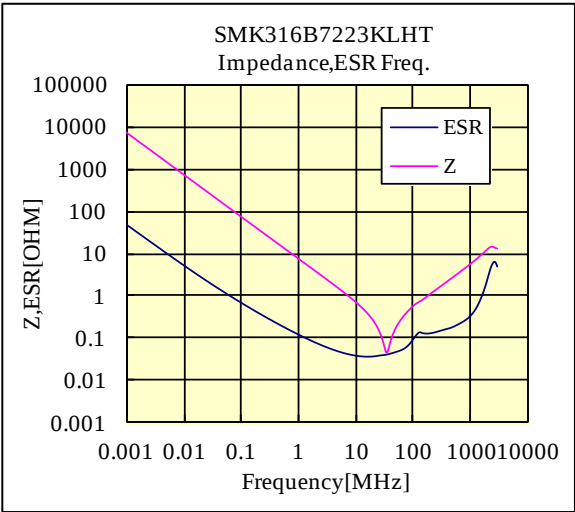
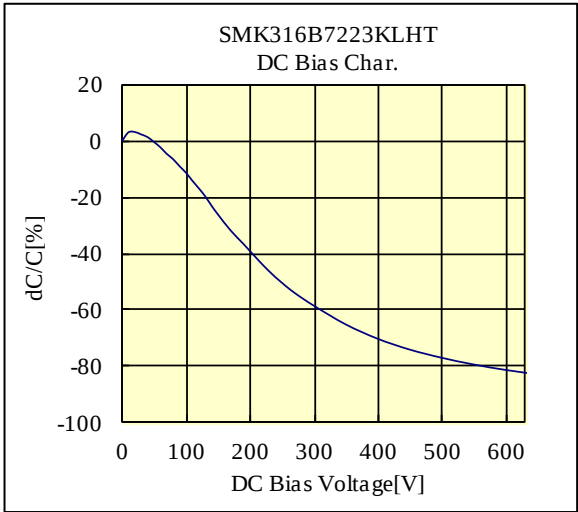
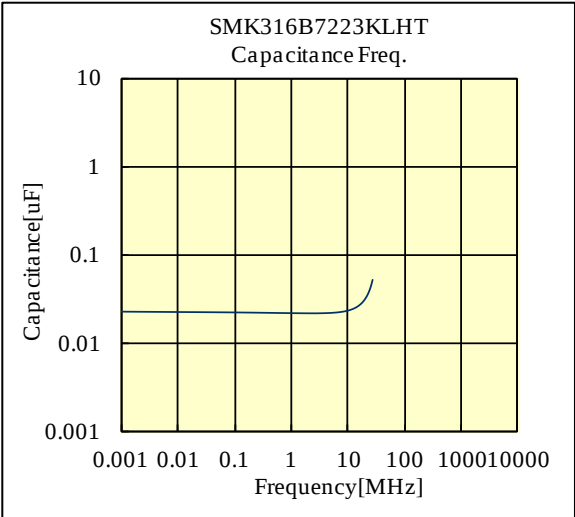
2016.09.21

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.

RoHS compliance product

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630V 3216 X7R 0.022uF +/- 10% t=1.8mmMAX
630V 1206 X7R 0.022uF +/- 10% t=0.071inchMAX



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