

MLCC for Automotive (POWERTRAIN, SAFETY) Applications

UMF316B7222KFHT



■ Features

- Item Summary
2200pF±10%, 50V,
X7R, 1206/3216 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 3000pcs

■ Products characteristics table

Capacitance	2200 pF ± 10 %
Case Size (EIA/JIS)	1206/3216
Rated Voltage	50 V
tan δ (max)	2.5 %
Temperature Characteristic (EIA)	X7R
Operating Temp. Range (EIA)	-55 to +125 °C
High Temperature Loading (% Rated Voltage)	200 %
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

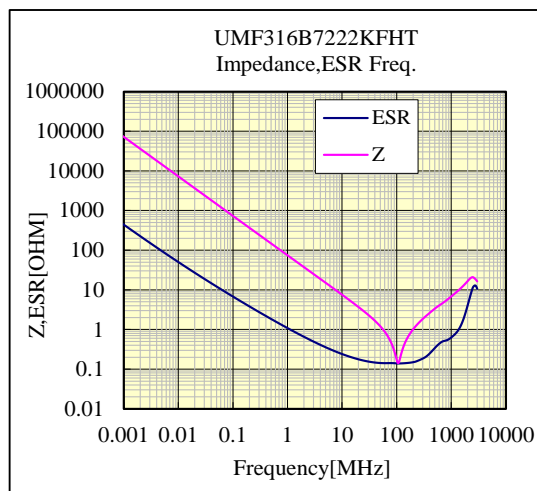
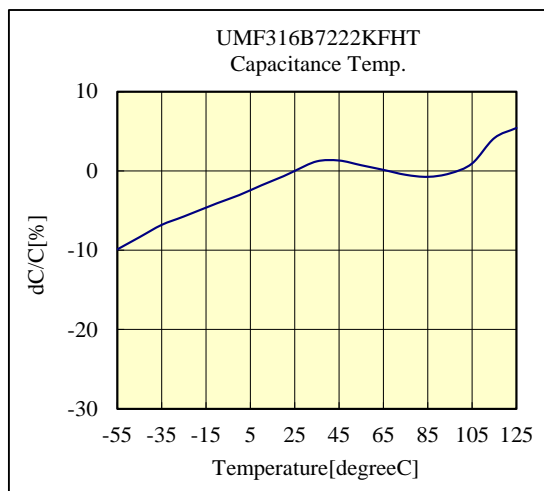
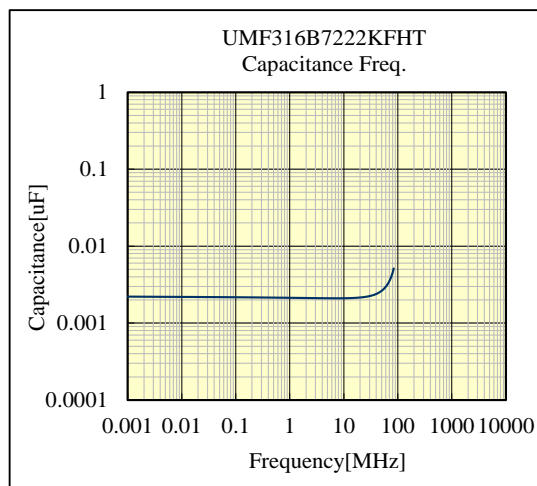
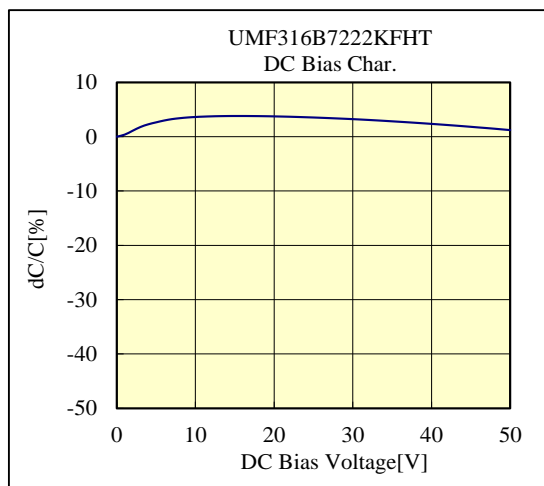
2021.07.01

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.

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50V 3216 X7R 2200pF +/- 10% t=1.25mmMAX

50V 1206 X7R 2200pF +/- 10% t=0.049inchMAX



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Please read this notice before using the TAIYO YUDEN products.



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[>>Taiyo Yuden\(太阳诱电\)](#)