

Spec Sheet

Multilayer Ceramic Capacitors (High dielectric type) for Automotive / Industrial Applications

UMK316B7225KLHT



■ Features

- Item Summary
50V, X7R, 2.2 μ F, \pm 10%, 1206
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 2000pcs

■ Products characteristics table

CaseSize (EIA/JIS)	1206/3216
Rated Voltage (max)	50V
Capacitance	2.2 μ F
Capacitance Tolerance	\pm 10%
Resistance	100 M Ω · μ F min.
Dielectric Loss Tangent	10%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	1.6mm \pm 0.20
e	0.5mm +0.35/-0.25

2015.01.26

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 **TAIYO YUDEN**

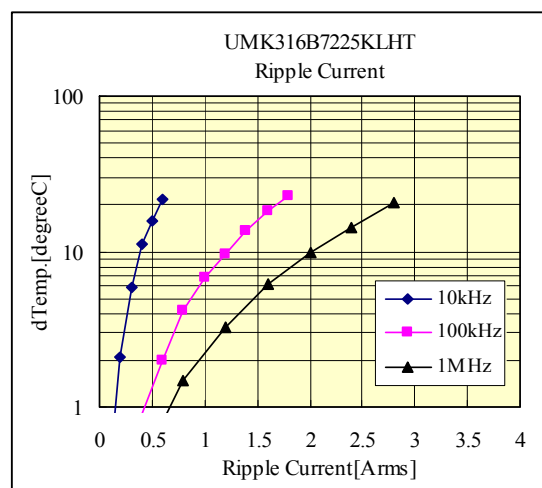
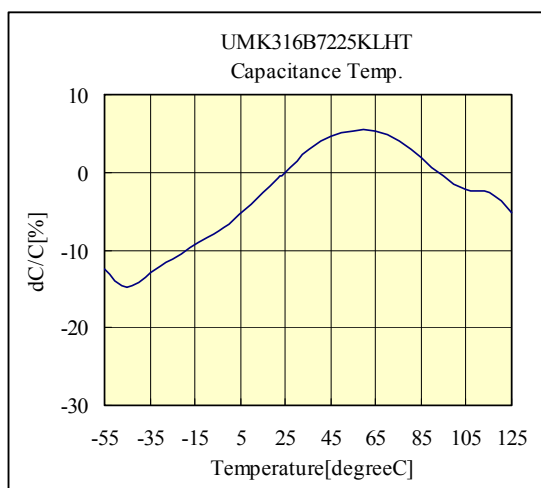
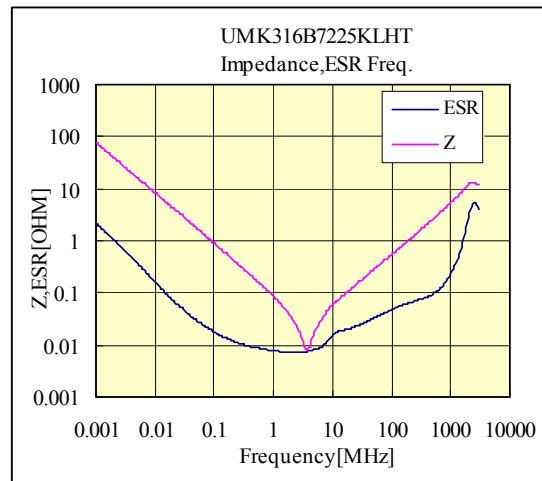
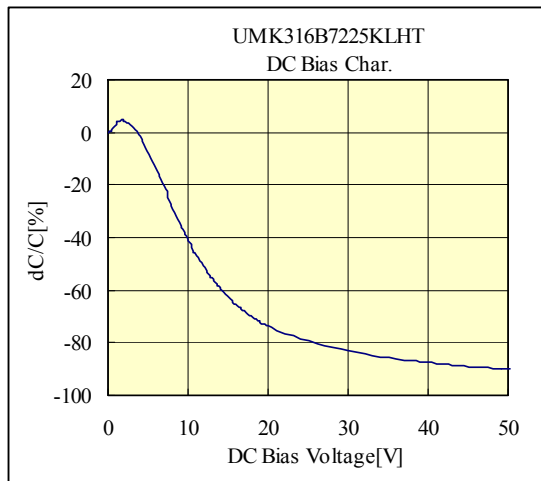
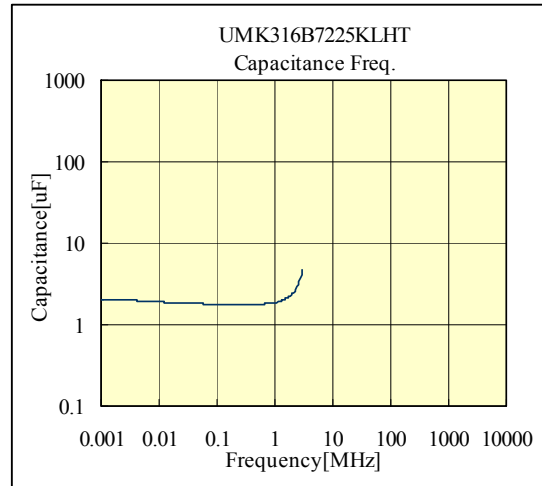
-Electrical Characteristics Data-

13R2A05

RoHS compliance product

○UMK316B7225KLHT

50V 3216 X7R 2.2 μ F +/- 10% t=1.8mmMAX
50V 1206 X7R 2.2 μ F +/- 10% t=0.071inchMAX



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