

Spec Sheet

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

UMK316AC7475MLHTE



■ Features

- Item Summary
4.7 μ F \pm 20%, 50V,
X7S, 1206/3216 (EIA/JIS)
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 2000pcs

■ Products characteristics table

Capacitance	4.7 μ F \pm 20 %
Case Size (EIA/JIS)	1206/3216
Rated Voltage	50 V
$\tan \delta$ (max)	2.5 %
Temperature Characteristic (EIA)	X7S
Operating Temp. Range (EIA)	-55 to +125 °C
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	100 M Ω · μ F
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	3.2 \pm 0.20 mm
Dimension W	1.6 \pm 0.20 mm
Dimension T	1.6 \pm 0.20 mm
Dimension e	0.50 +0.35/-0.25 mm

2017.04.30

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

-Electrical Characteristics Data-

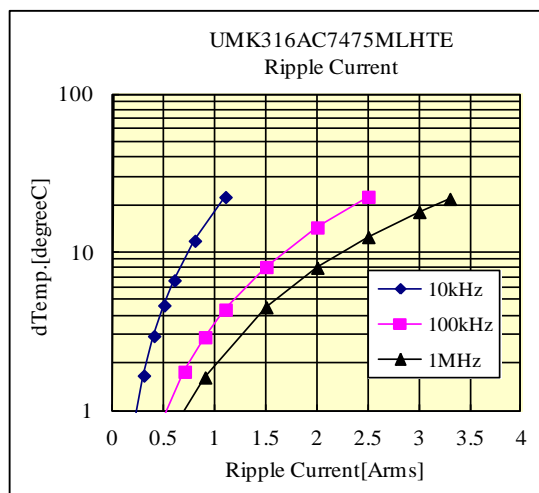
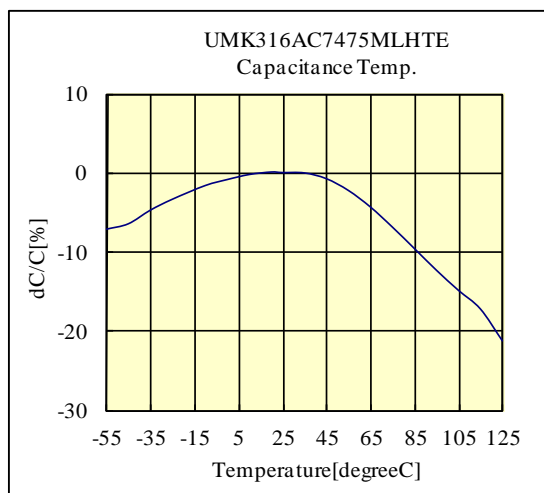
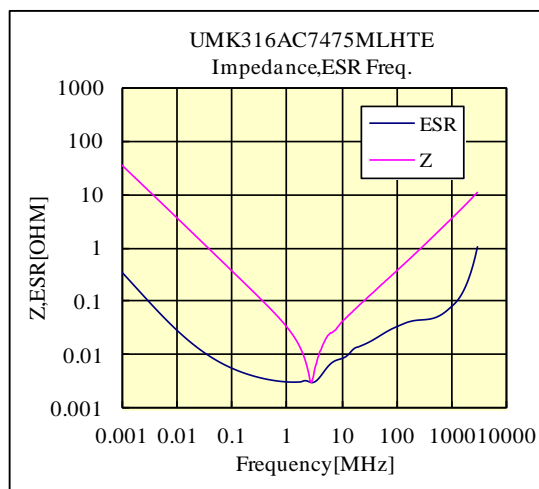
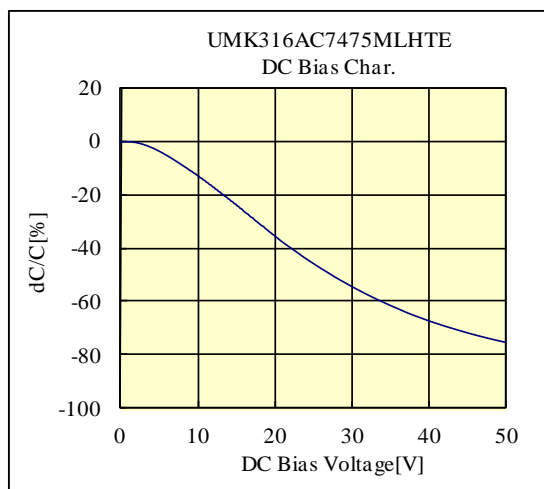
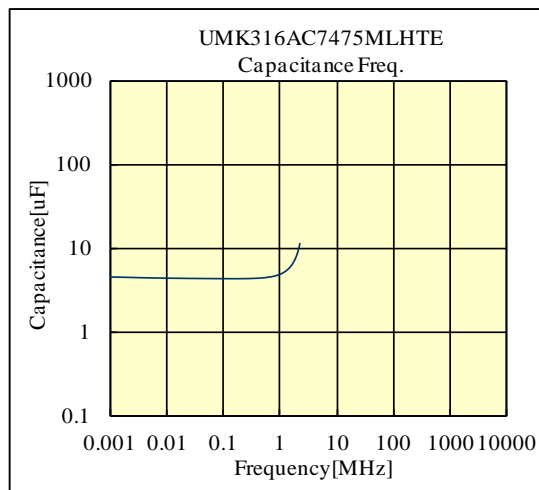
16U2A09

RoHS compliance product

○UMK316AC7475MLHTE

50V 3216 X7S 4.7uF +/- 20% t=1.8mmMAX

50V 1206 X7S 4.7uF +/- 20% t=0.071inchMAX



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