

## High Value Multilayer Ceramic Capacitors (High dielectric type)

### UMK107AB7105MA-T



#### ■ Features

- Item Summary  
1 $\mu$ F $\pm$ 20%, 50V,  
X7R, 0603/1608 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping paper 4000pcs

#### ■ Products characteristics table

Capacitance	1 $\mu$ F $\pm$ 20 %
Case Size (EIA/JIS)	0603/1608
Rated Voltage	50 V
tan $\delta$ (max)	10 %
Temperature Characteristic (EIA)	X7R
Operating Temp. Range (EIA)	-55 to +125 °C
High Temperature Loading (% Rated Voltage)	150 %
Insulation Resistance (min)	500 M $\Omega$ · $\mu$ F
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

#### ■ External Dimensions

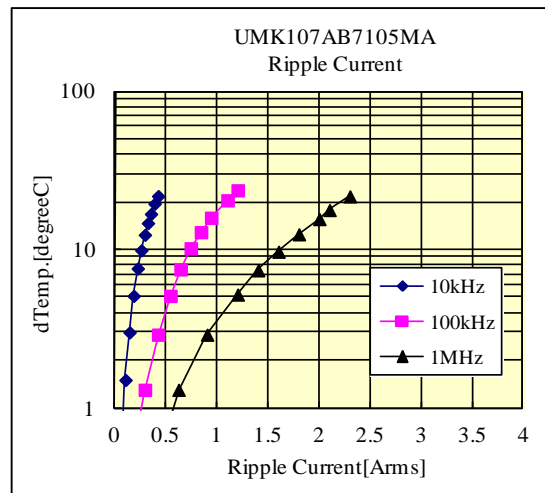
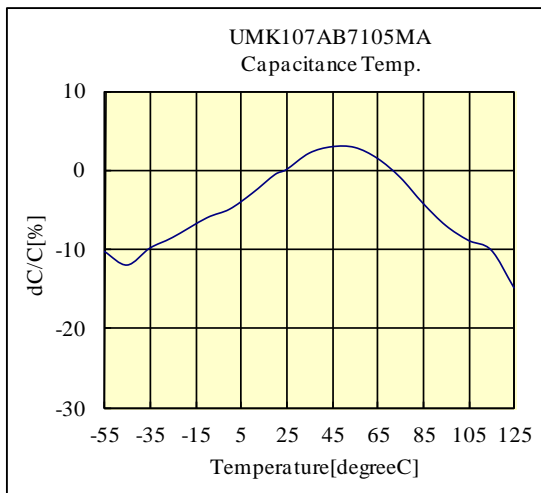
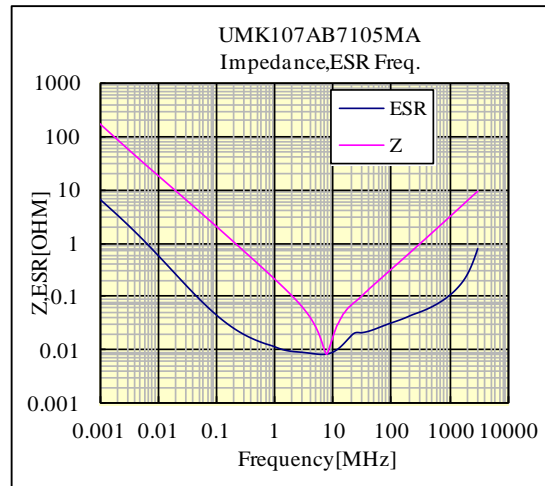
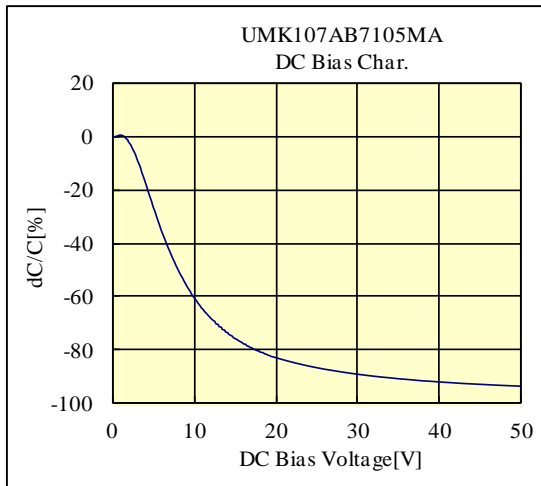
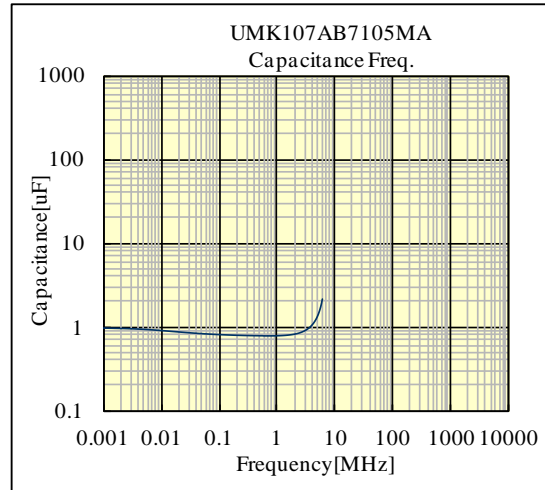
Dimension L	1.6 +0.15/-0.05 mm
Dimension W	0.8 +0.15/-0.05 mm
Dimension T	0.8 +0.15/-0.05 mm
Dimension e	0.35 $\pm$ 0.25 mm

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.

## ○UMK107AB7105MA

**50V 1608 X7R 1 $\mu$ F +/- 20% t=0.95mmMAX**  
**50V 0603 X7R 1 $\mu$ F +/- 20% t=0.037inchMAX**



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