

## Multilayer Ceramic Capacitors (High dielectric type)

## AMK316AC6107ML-T



## ■ Features

- Item Summary  
100uF $\pm$ 20%, 4V,  
X6S, 1206/3216 (EIA/JIS)
- Lifecycle Stage  
Mass Production (Preferred)
- Standard packaging quantity (minimum)  
Taping Embossed 2000pcs

## ■ Products characteristics table

|                                               |                          |
|-----------------------------------------------|--------------------------|
| Capacitance                                   | 100 uF $\pm$ 20 %        |
| Case Size (EIA/JIS)                           | 1206/3216                |
| Rated Voltage                                 | 4 V                      |
| tan $\delta$ (max)                            | 10 %                     |
| Temperature Characteristic (EIA)              | X6S                      |
| Operating Temp. Range (EIA)                   | -55 to +105 °C           |
| High Temperature Loading<br>(% Rated Voltage) | 150 %                    |
| Insulation Resistance (min)                   | 100 M $\Omega$ · $\mu$ F |
| RoHS Compliance (10 subst.)                   | Yes                      |
| REACH Compliance (209 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 |

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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.

## Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

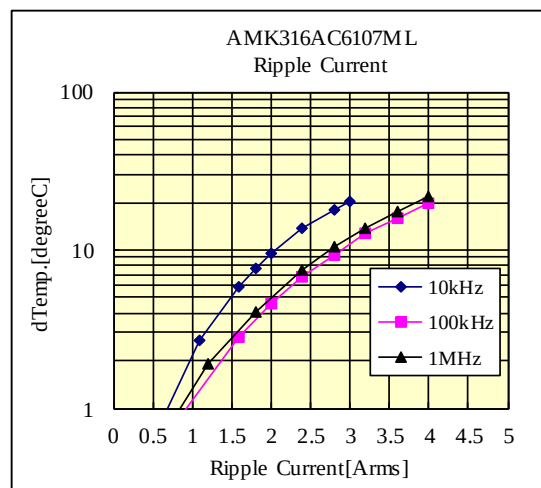
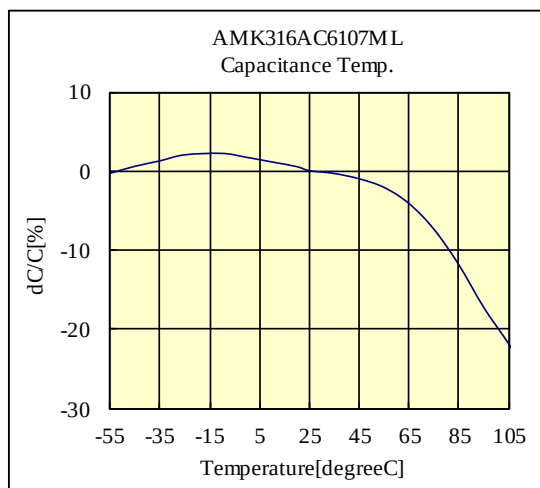
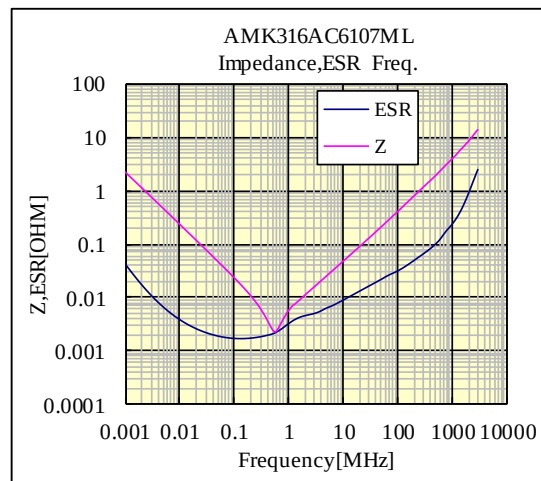
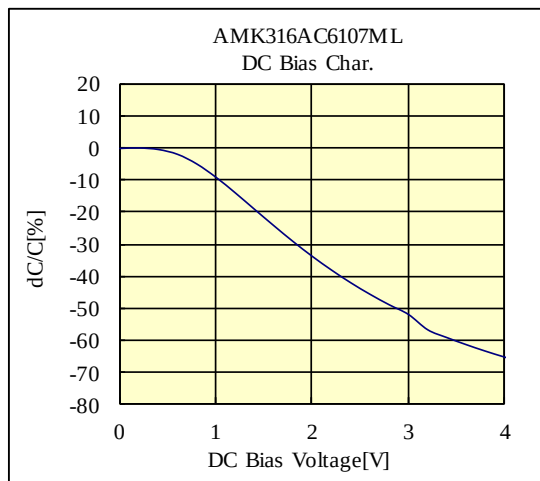
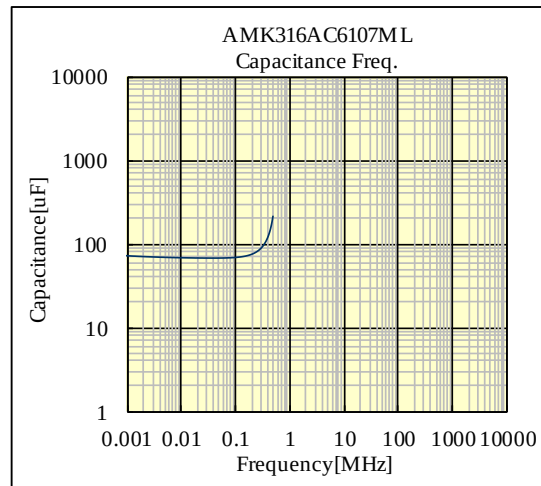
18SB06

RoHS compliance product

### ○AMK316AC6107ML

**4V 3216 X6S 100uF +/- 20% t=1.8mmMAX**

**4V 1206 X6S 100uF +/- 20% t=0.071inchMAX**



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