

High Value Multilayer Ceramic Capacitors (High dielectric type)

AMK316AC6107ML-T



■ Features

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

■ Products characteristics table

| | |
|---|----------------|
| Capacitance | 100 uF ± 20 % |
| Case Size (EIA/JIS) | 1206/3216 |
| Rated Voltage | 4 V |
| tan δ (max) | 10 % |
| Temperature Characteristic (EIA) | X6S |
| Operating Temp. Range (EIA) | -55 to +105 °C |
| High Temperature Loading (% Rated Voltage) | 150 % |
| Insulation Resistance (min) | 100 MΩ · μF |
| RoHS2 Compliance (10 subst.) | Yes |
| REACH Compliance (181 subst.) | Yes |
| Halogen Free | Yes |
| Soldering | Reflow |

■ External Dimensions

| | |
|-------------|---------------------|
| Dimension L | 3.2 ±0.20 mm |
| Dimension W | 1.6 ±0.20 mm |
| Dimension T | 1.6 ±0.20 mm |
| Dimension e | 0.50 +0.35/-0.25 mm |

2018.02.18

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

TAIYO YUDEN

-Electrical Characteristics Data-

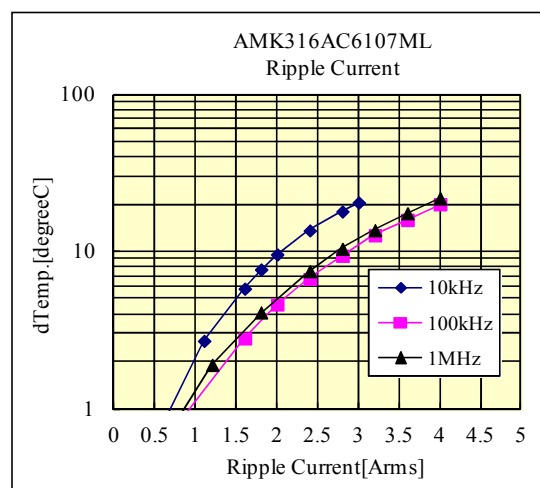
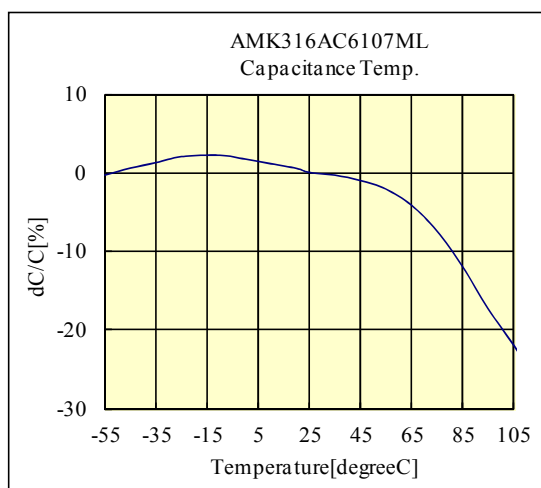
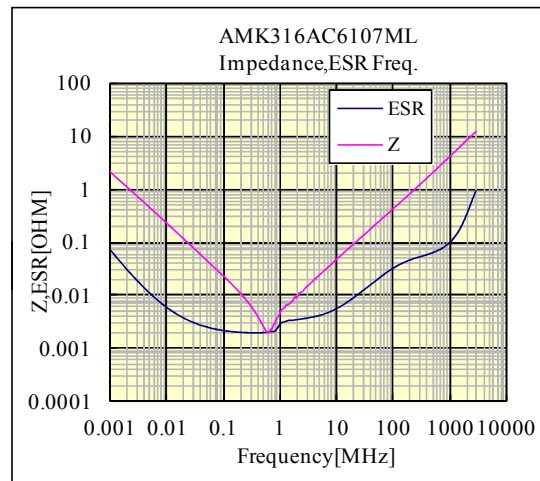
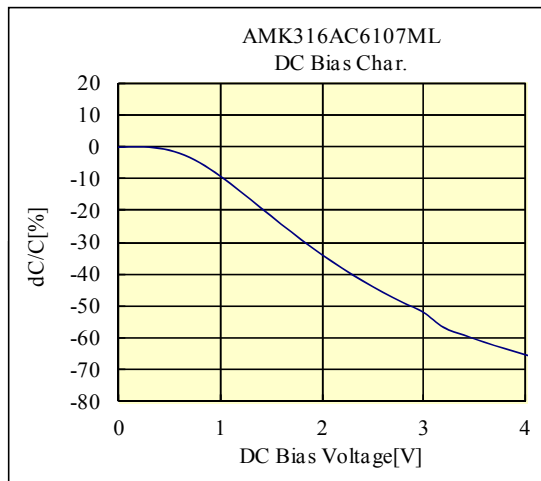
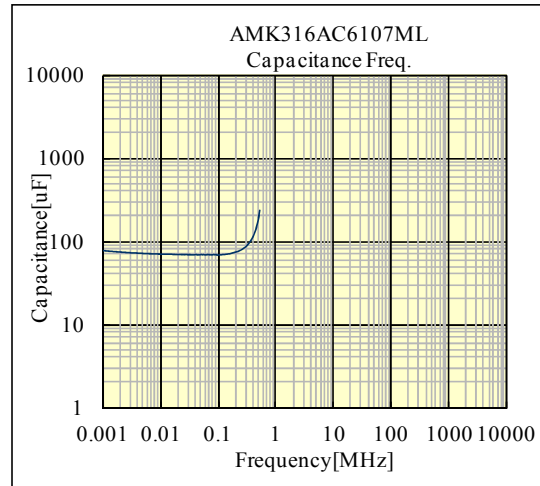
16SB03

RoHS compliance product

○AMK316AC6107ML

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

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



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