

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

EMK316AB7106KL-T (Old: EMK316B7106KL-TD)



## ■ Features

- Item Summary  
16V, X7R, 10  $\mu$ F,  $\pm 10\%$ , 1206
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Embossed 2000pcs

## ■ Products characteristics table

|                                       |                                     |
|---------------------------------------|-------------------------------------|
| CaseSize (EIA/JIS)                    | 1206/3216                           |
| Rated Voltage (max)                   | 16V                                 |
| Capacitance                           | 10 $\mu$ F                          |
| Capacitance Tolerance                 | $\pm 10\%$                          |
| Resistance                            | 100 M $\Omega$ $\cdot$ $\mu$ F min. |
| Dielectric Loss Tangent               | 10%MAX                              |
| Temperature Characteristics (EIA/JIS) | X7R/-                               |
| Temperature Range (EIA/JIS)           | -55 to +125°C/-                     |
| Capacitance Change (EIA/JIS)          | $\pm 15\%$ -%                       |
| RoHS Compliance                       | Yes                                 |
| Halogen Free                          | Yes                                 |
| Soldering Method                      | Reflow                              |

## ■ External Dimensions

|   |                   |
|---|-------------------|
| L | 3.2mm $\pm 0.20$  |
| W | 1.6mm $\pm 0.20$  |
| T | 1.6mm $\pm 0.20$  |
| e | 0.5mm +0.35/-0.25 |

2014.12.10

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
 TAIYO YUDEN reserves the right to make change to the Date at any time without notice.  
 Before making final selection, please check product specification.

# Multi Layer Ceramic Capacitor

# TAIYO YUDEN

-Electrical Characteristics Data-

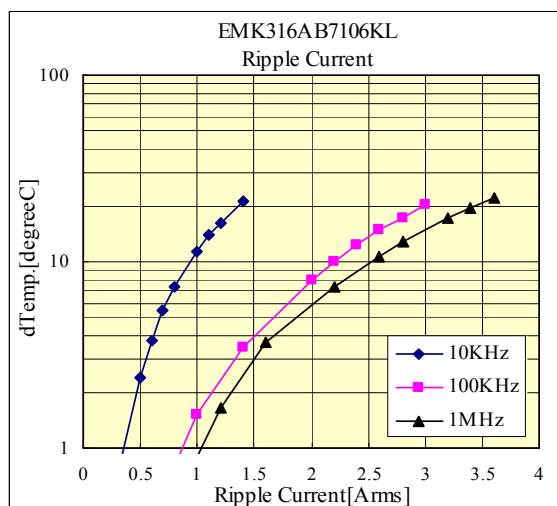
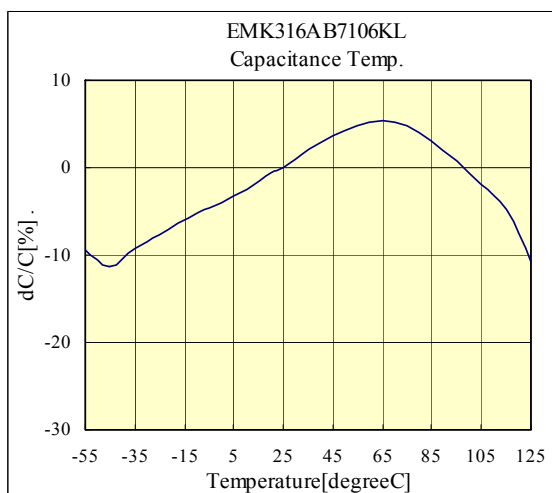
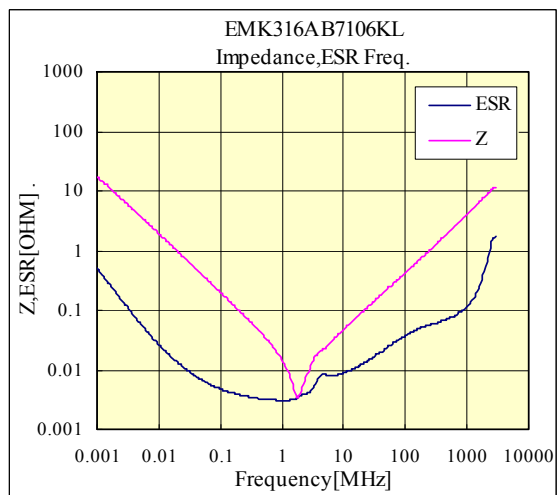
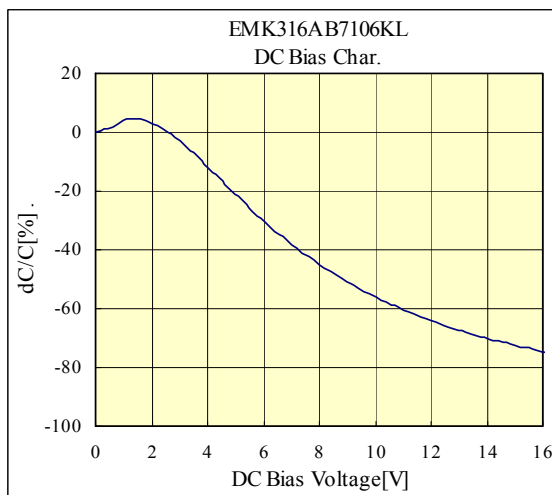
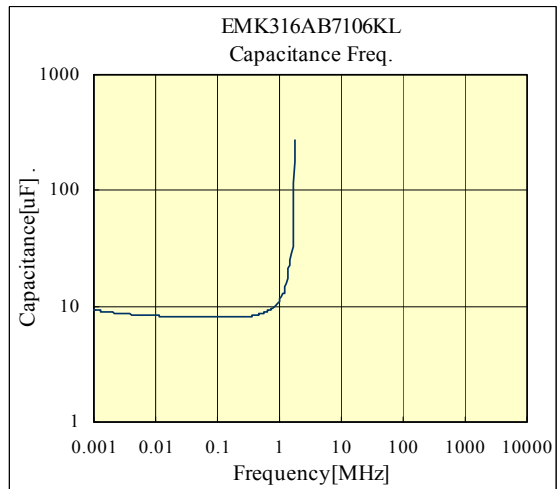
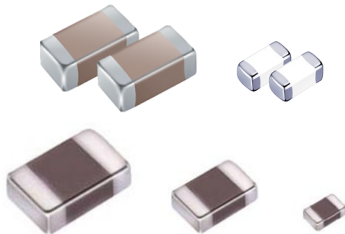
10LA08

RoHS compliance product

## ○EMK316AB7106KL

16V 3216 X7R 10uF +/-10% t=1.8mmMAX

16V 1206 X7R 10uF +/-10% t=0.071inchMAX



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