

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

## TMK316B7225ML-T



## ■ Features

- Item Summary  
2.2uF±20%, 25V,  
X7R, 1206/3216 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Embossed 2000pcs

## ■ Products characteristics table

|                                               |                |
|-----------------------------------------------|----------------|
| Capacitance                                   | 2.2 uF ± 20 %  |
| Case Size (EIA/JIS)                           | 1206/3216      |
| Rated Voltage                                 | 25 V           |
| tan δ (max)                                   | 3.5 %          |
| Temperature Characteristic (EIA)              | X7R            |
| Operating Temp. Range (EIA)                   | -55 to +125 °C |
| High Temperature Loading<br>(% Rated Voltage) | 200 %          |
| Insulation Resistance (min)                   | 500 MΩ · μF    |
| RoHS2 Compliance (10 subst.)                  | Yes            |
| REACH Compliance (181 subst.)                 | Yes            |
| Halogen Free                                  | Yes            |
| Soldering                                     | Reflow         |

## ■ External Dimensions

|             |                     |
|-------------|---------------------|
| Dimension L | 3.2 ±0.15 mm        |
| Dimension W | 1.6 ±0.15 mm        |
| Dimension T | 1.6 ±0.20 mm        |
| Dimension e | 0.50 +0.35/-0.25 mm |

2018.03.10

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

# Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

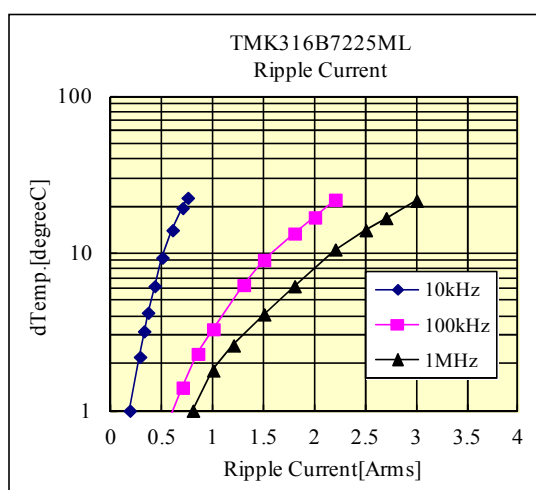
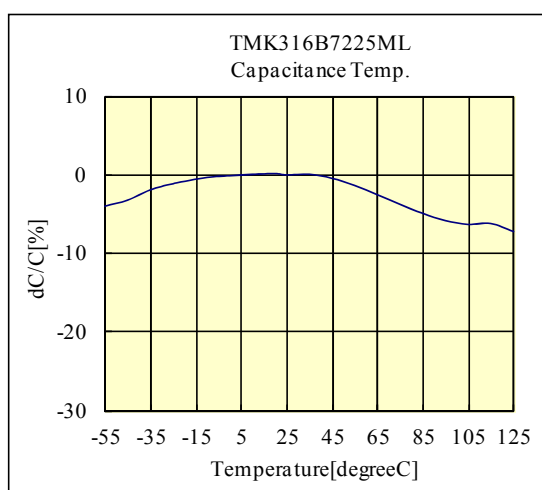
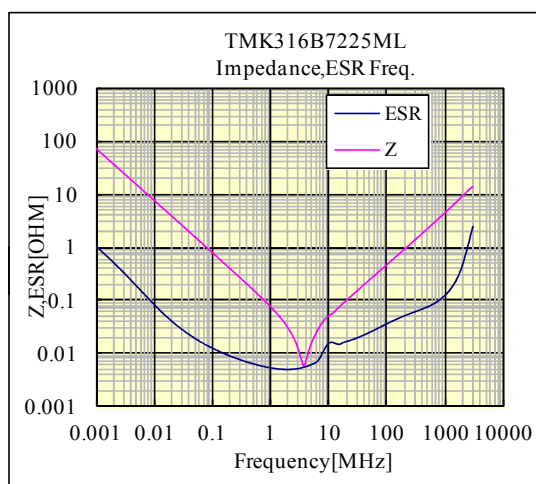
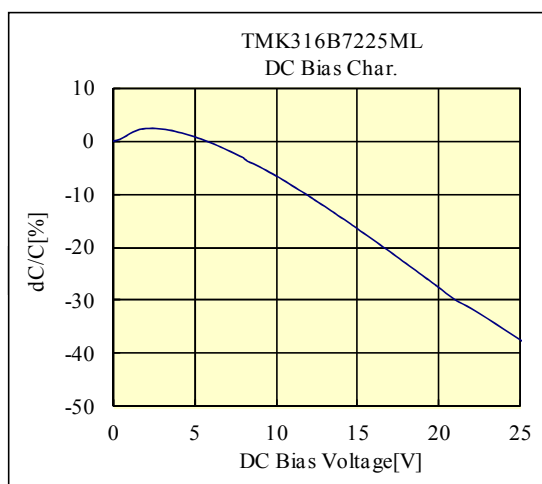
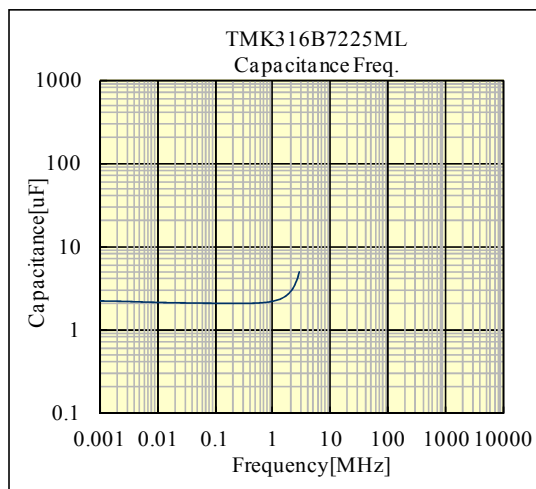
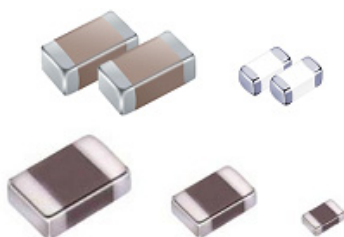
16QA03

RoHS compliance product

## ○TMK316B7225ML

25V 3216 X7R 2.2 $\mu$ F  $\pm$  20%  $t=1.8\text{mm}$ MAX

25V 1206 X7R 2.2 $\mu$ F  $\pm$  20%  $t=0.07\text{inch}$ MAX



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Before making final selection, please check product specification.

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