

High Value Multilayer Ceramic Capacitors (High dielectric type)

EMK316BC6226ML-T



■ Features

- Item Summary  
22uF±20%, 16V,  
X6S, 1206/3216 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Embossed 2000pcs

■ Products characteristics table

|   |                |
|---|----------------|
| Capacitance                                   | 22 uF ± 20 %   |
| Case Size (EIA/JIS)                           | 1206/3216      |
| Rated Voltage                                 | 16 V           |
| tan δ (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 MΩ · μF    |
| RoHS2 Compliance (10 subst.)                  | Yes            |
| REACH Compliance (173 subst.)                 | Yes            |
| Halogen Free                                  | Yes            |
| Soldering                                     | Reflow         |

■ External Dimensions

|             |                     |
|-------------|---------------------|
| Dimension L | 3.2 ±0.30 mm        |
| Dimension W | 1.6 ±0.30 mm        |
| Dimension T | 1.6 ±0.30 mm        |
| Dimension e | 0.50 +0.35/-0.25 mm |

2017.04.30

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-

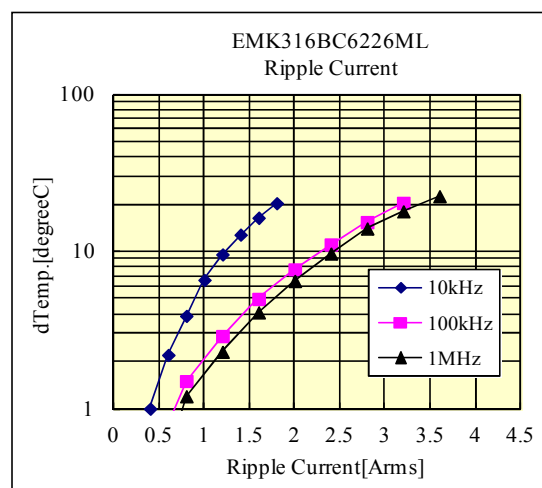
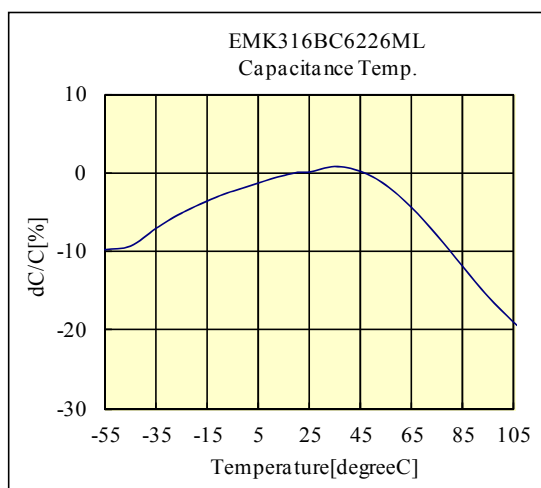
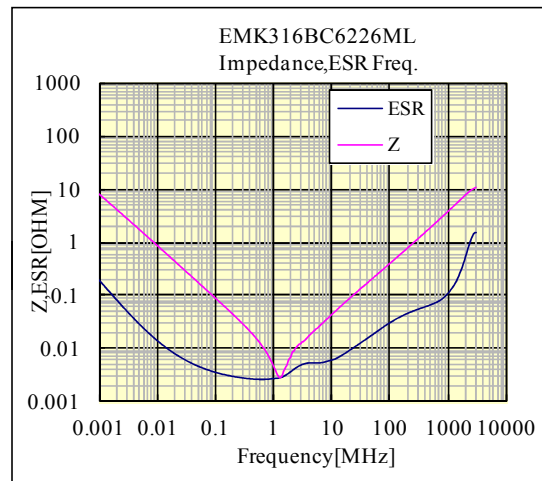
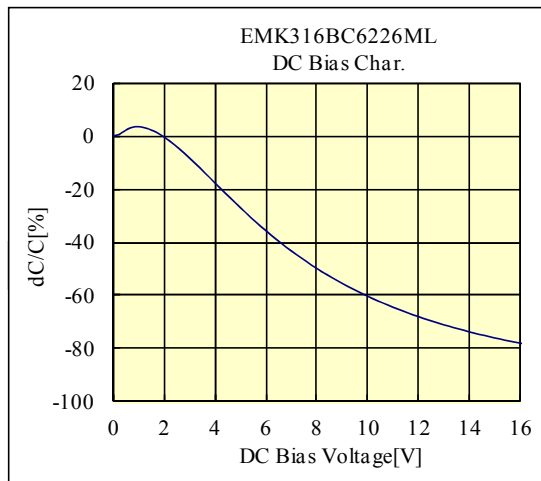
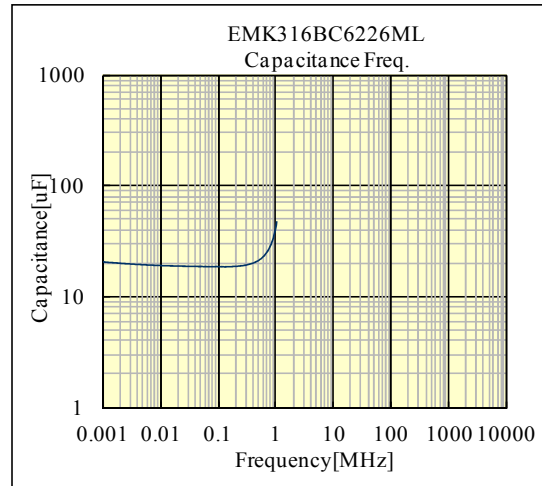
16R3B03

RoHS compliance product

## ○EMK316BC6226ML

16V 3216 X6S 22 $\mu$ F +/- 20% t=1.9mmMAX

16V 1206 X6S 22 $\mu$ F +/- 20% t=0.075inchMAX



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