

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

### EMK316BJ225MD-T



#### ■ Features

- Item Summary  
2.2uF±20%, 16V,  
X5R/B, 1206/3216 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping paper 4000pcs

#### ■ Products characteristics table

Capacitance	2.2 uF ± 20 %
Case Size (EIA/JIS)	1206/3216
Rated Voltage	16 V
tan δ (max)	3.5 %
Temperature Characteristic (EIA)	X5R
Operating Temp. Range (EIA)	-55 to +85 °C
Temperature Characteristic (JIS)	B
Operating Temp. Range (JIS)	-25 to +85 °C
HALT (% Rated Voltage)	200 %
Insulation Resistance (min)	500 MΩ · μF
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (163 subst.)	Yes
Soldering	Reflow

#### ■ External Dimensions

Dimension L	3.2 ±0.15 mm
Dimension W	1.6 ±0.15 mm
Dimension T	0.85 ±0.10 mm
Dimension e	0.50 +0.35/-0.25 mm

2016.02.14

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
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 Before making final selection, please check product specification.

# Multi Layer Ceramic Capacitor

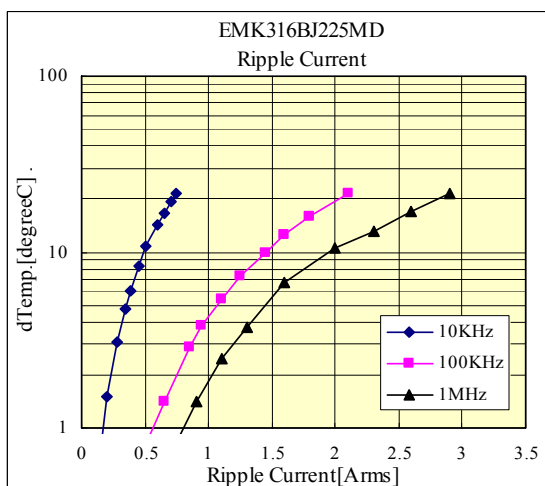
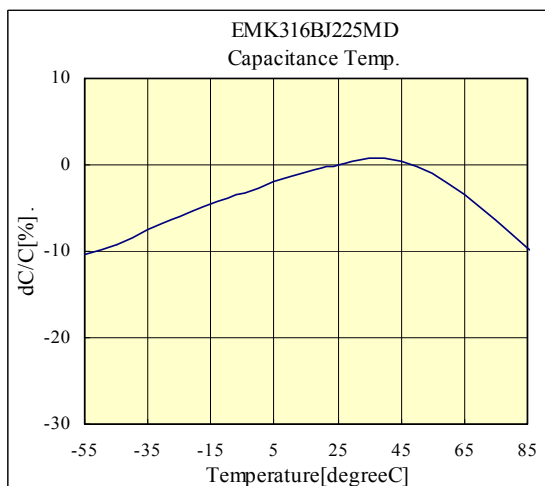
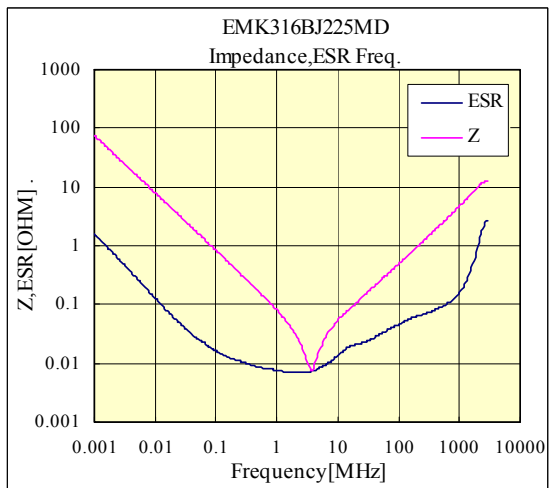
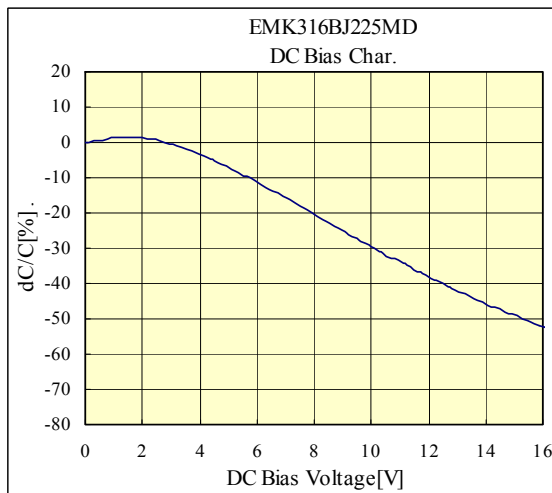
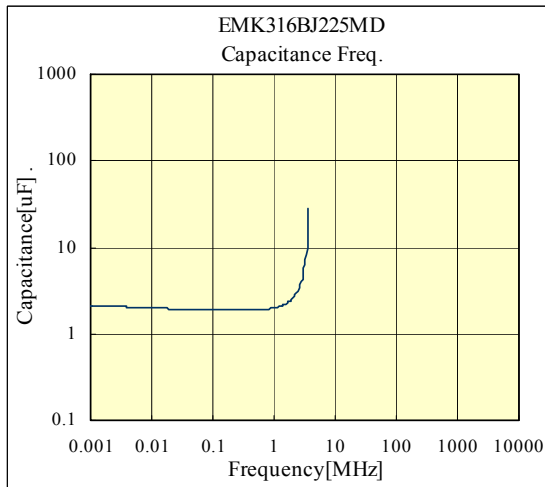
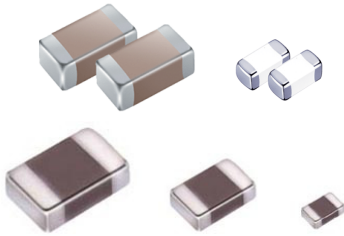
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-Electrical Characteristics Data- 10HA08

RoHS compliance product

## ○EMK316BJ225MD

16V 3216 B/X5R 2.2uF +/-20% t=0.95mmMAX  
16V 1206 B/X5R 2.2uF +/-20% t=0.037inchMAX



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