

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

### TMK316F106ZL-T



#### ■ Features

- Item Summary  
10uF+80%/-20%, 25V,  
Y5V/F, 1206/3216 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping Embossed 2000pcs

#### ■ Products characteristics table

Capacitance	10 uF +80%/-20%
Case Size (EIA/JIS)	1206/3216
Rated Voltage	25 V
tan $\delta$ (max)	9 %
Temperature Characteristic (EIA)	Y5V
Operating Temp. Range (EIA)	-30 to +85 °C
Temperature Characteristic (JIS)	F
Operating Temp. Range (JIS)	-25 to +85 °C
HALT (% Rated Voltage)	200 %
Insulation Resistance (min)	500 M $\Omega$ · $\mu$ F
RoHS2 Compliance	Yes
REACH Compliance	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

2016.01.25

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

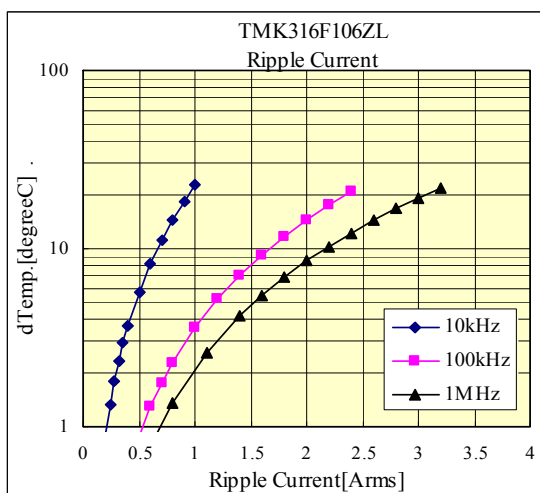
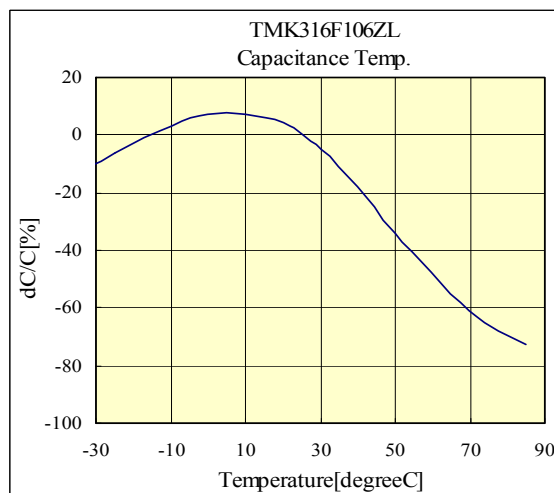
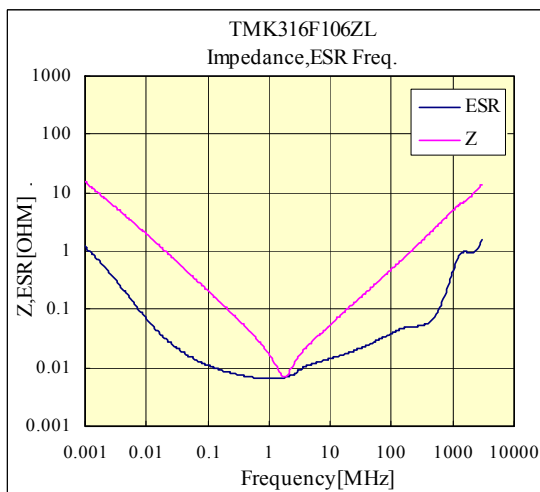
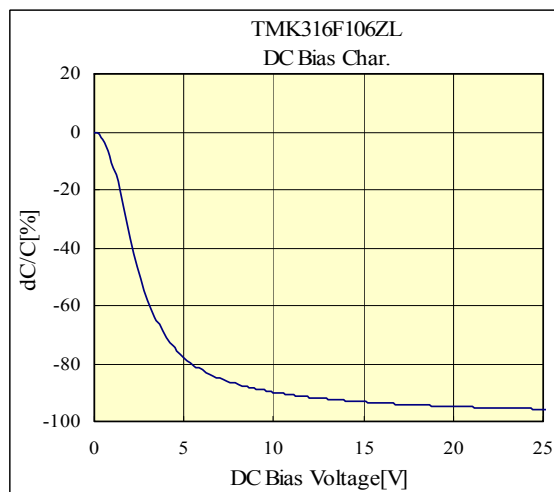
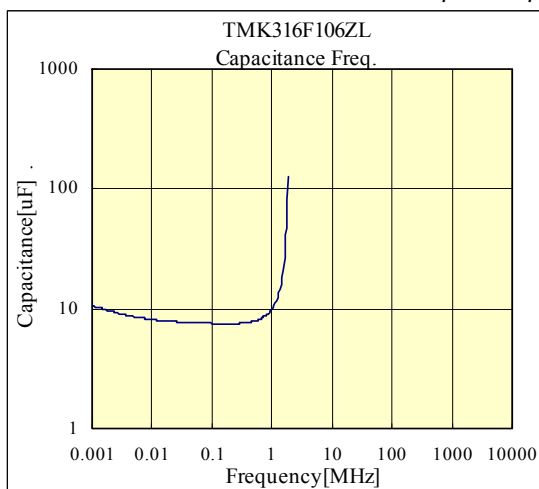
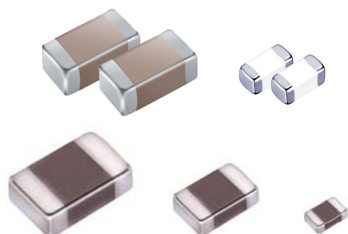
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-Electrical Characteristics Data- Aug-2010

RoHS compliance product

## ○TMK316F106ZL

25V 3216 F/Y5V 10uF +80/-20% t=1.8mmMAX  
25V 1206 F/Y5V 10uF +80/-20% t=0.071inchMAX



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