

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

### TMK316B7105KL-T



#### ■ Features

- Item Summary  
25V, X7R, 1  $\mu$ 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)	25V
Capacitance	1 $\mu$ F
Capacitance Tolerance	$\pm$ 10%
Resistance	500 M $\Omega$ · $\mu$ F min.
Dielectric Loss Tangent	3.5%MAX
Temperature Characteristics (EIA/JIS)	X7R/-
Temperature Range (EIA/JIS)	-55 to +125 $^{\circ}$ C/-
Capacitance Change (EIA/JIS)	$\pm$ 15/-%
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow/Wave

#### ■ External Dimensions

L	3.2mm $\pm$ 0.15
W	1.6mm $\pm$ 0.15
T	1.6mm $\pm$ 0.20
e	0.5mm +0.35/-0.25

2014.12.08

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-

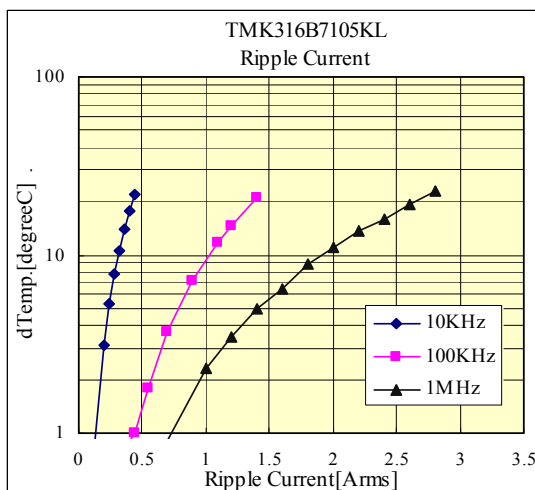
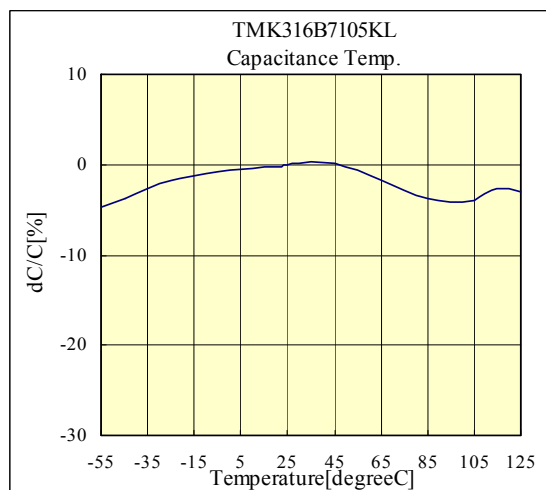
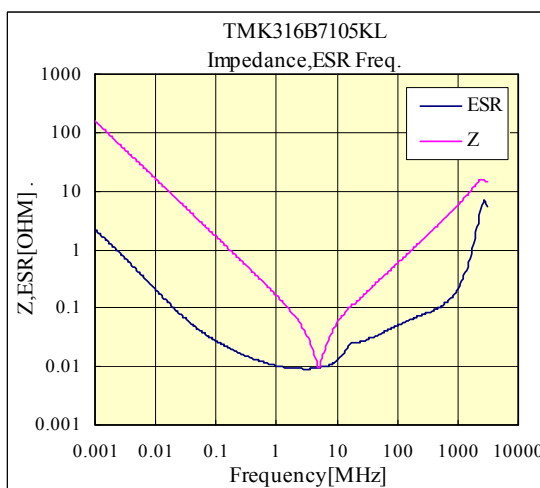
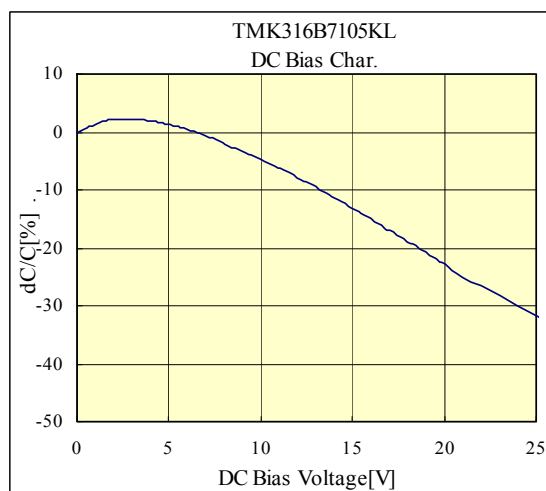
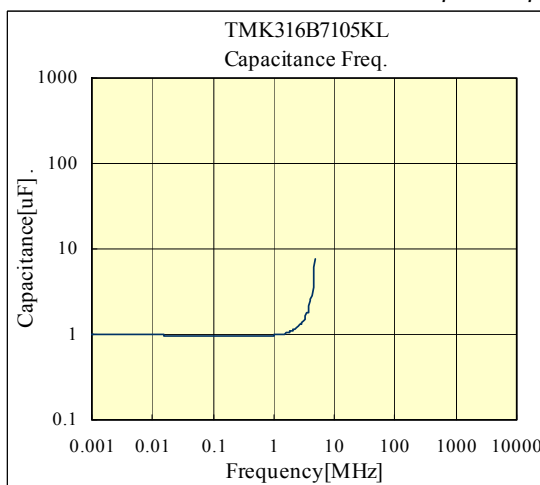
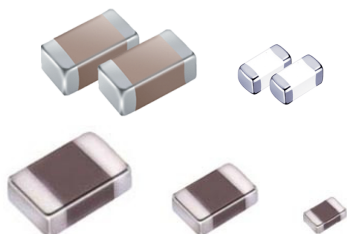
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RoHS compliance product

## ○TMK316B7105KL

25V 3216 X7R 1uF +/-10% t=1.8mmMAX

25V 1206 X7R 1uF +/-10% t=0.07inchMAX



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