

High Value Multilayer Ceramic Capacitors (High dielectric type)

UMK316BJ105KD-T



■ Features

- Item Summary  
1 $\mu$ F $\pm$ 10%, 50V,  
X5R/B, 1206/3216 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- Standard packaging quantity (minimum)  
Taping paper 4000pcs

■ Products characteristics table

Capacitance	1 $\mu$ F $\pm$ 10 %
Case Size (EIA/JIS)	1206/3216
Rated Voltage	50 V
tan $\delta$ (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)	150 %
Insulation Resistance (min)	500 M $\Omega$ · $\mu$ F
RoHS2 Compliance	Yes
REACH Compliance	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	3.2 $\pm$ 0.15 mm
Dimension W	1.6 $\pm$ 0.15 mm
Dimension T	0.85 $\pm$ 0.10 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

# TAIYO YUDEN

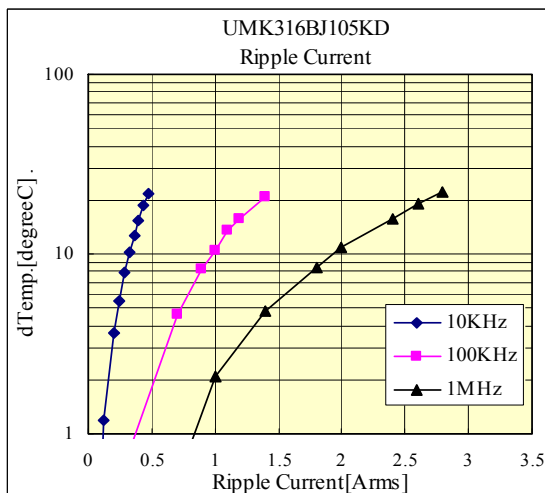
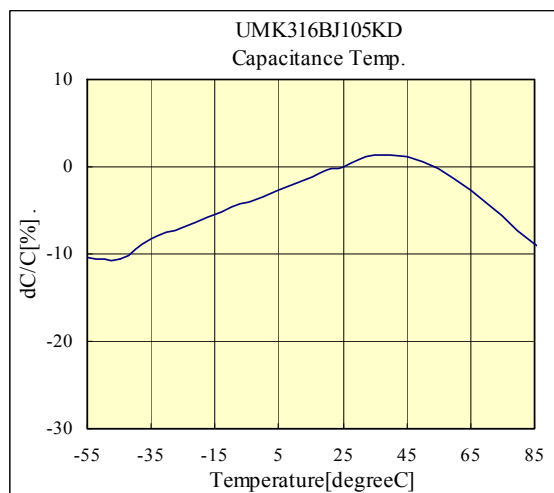
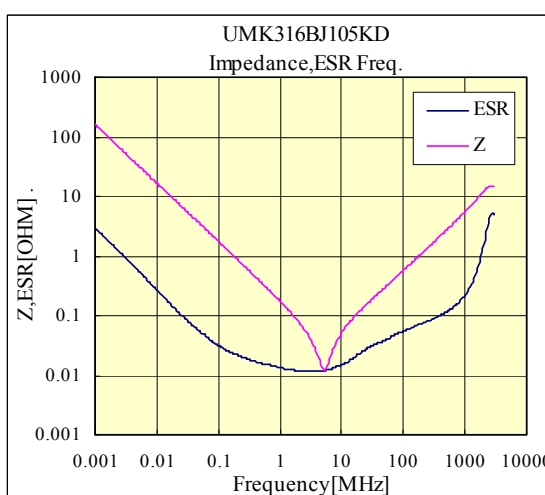
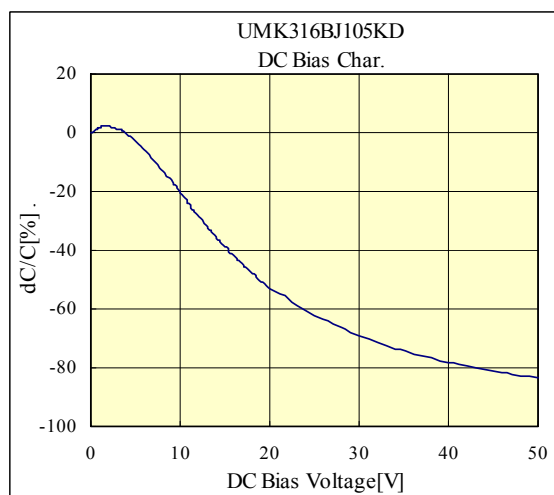
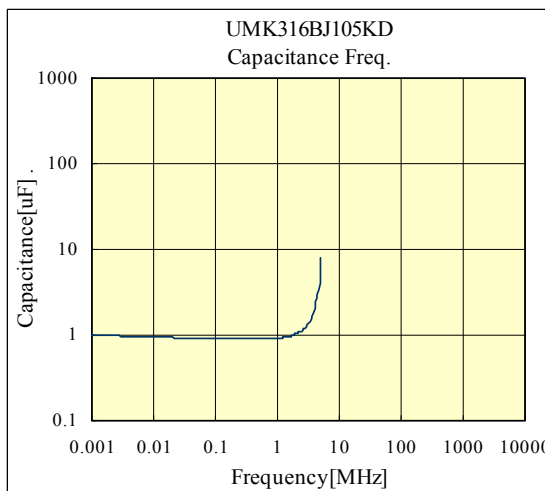
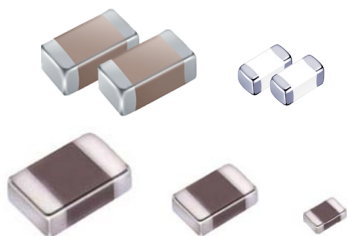
-Electrical Characteristics Data-

10HA08

RoHS compliance product

## ○UMK316BJ105KD

50V 3216 B/X5R 1uF +/-10% t=0.95mmMAX  
50V 1206 B/X5R 1uF +/-10% t=0.037inchMAX



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