

# Spec Sheet

Multilayer Ceramic Capacitors (High dielectric type) for Automotive / Industrial Applications

## UMK105B7222KVHF



### ■ Features

- Item Summary  
50V, X7R, 2200pF,  $\pm 10\%$ , 0402
- Lifecycle Stage  
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping paper 10000pcs

### ■ Products characteristics table

CaseSize (EIA/JIS)	0402/1005
Rated Voltage (max)	50V
Capacitance	2200pF
Capacitance Tolerance	$\pm 10\%$
Temperature Characteristics (EIA/JIS)	X7R/-
Temperature Range (EIA/JIS)	-55 to +125°C/-
Capacitance Change (EIA/JIS)	$\pm 15\%$ -%
Dielectric Loss Tangent	2.5%MAX
Resistance	10,000 M $\Omega$ min.
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

### ■ External Dimensions

L	1.0mm $\pm 0.05$
W	0.5mm $\pm 0.05$
T	0.5mm $\pm 0.05$
e	0.25mm $\pm 0.10$

2015.08.01

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-

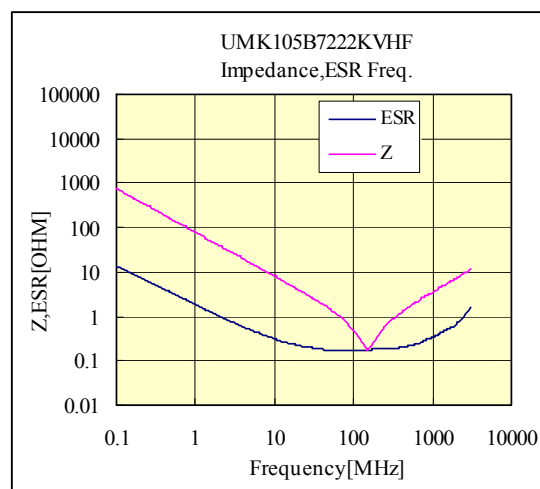
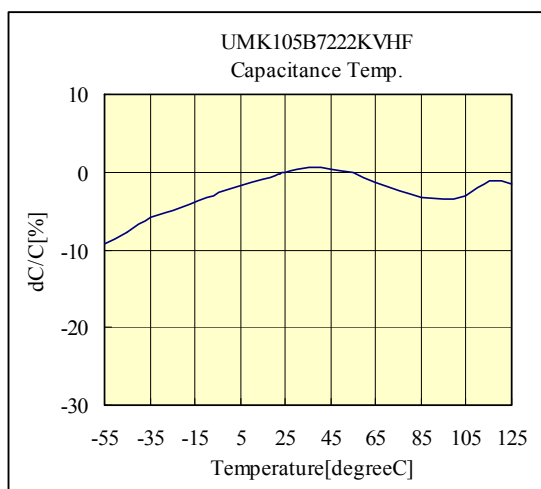
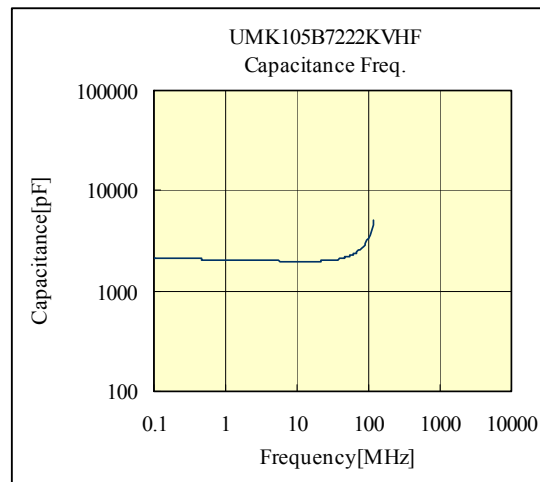
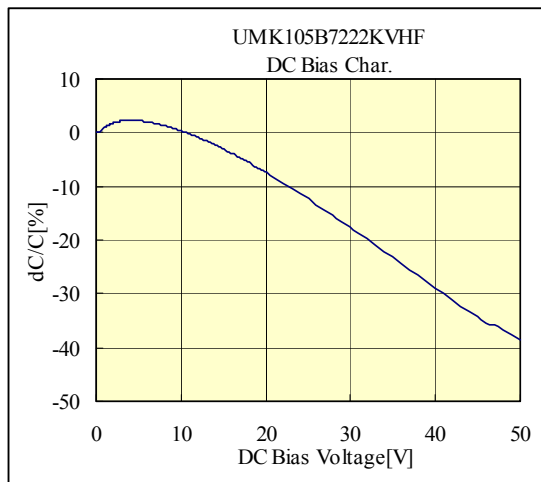
13QA01

RoHS compliance product

## ○UMK105B7222KVHF

50V 1005 X7R 2200pF +/- 10% t=0.55mmMAX

50V 0402 X7R 2200pF +/- 10% t=0.022inchMAX



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