

# Spec Sheet

MLCC (Temperature compensating type) for Automotive / Industrial Applications

## UMK105CG010CVHF



### ■ Features

- Item Summary  
50V, COG, 1pF, -0.25pF to 0.25pF, 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	1pF
Capacitance Tolerance	-0.25pF to 0.25pF
Resistance	10,000 M $\Omega$ min.
Q (min)	420
Temperature Characteristics (EIA/JIS)	COG/CG
Temperature Range (EIA/JIS)	-55 to +125 $^{\circ}$ C/-55 to +125 $^{\circ}$ C
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

2015.02.02

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-

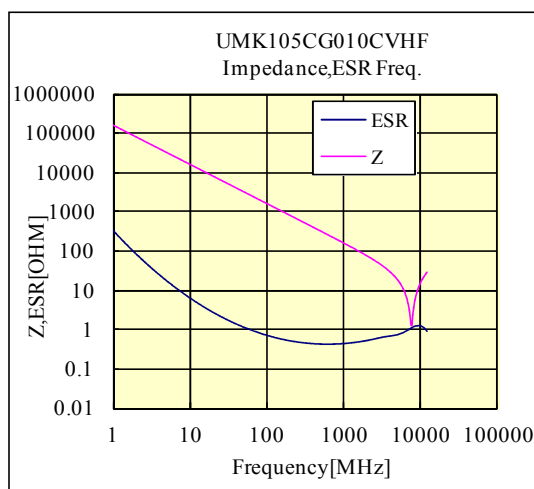
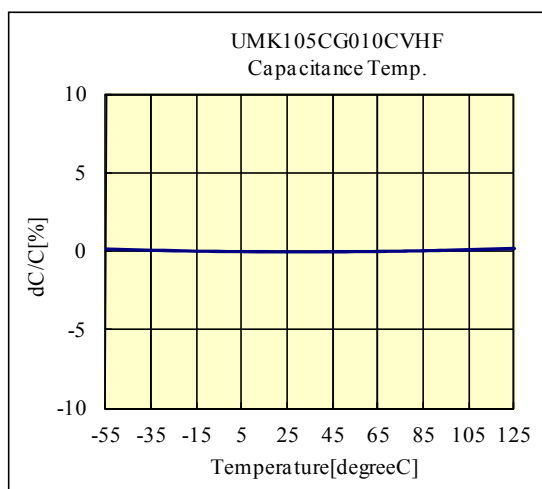
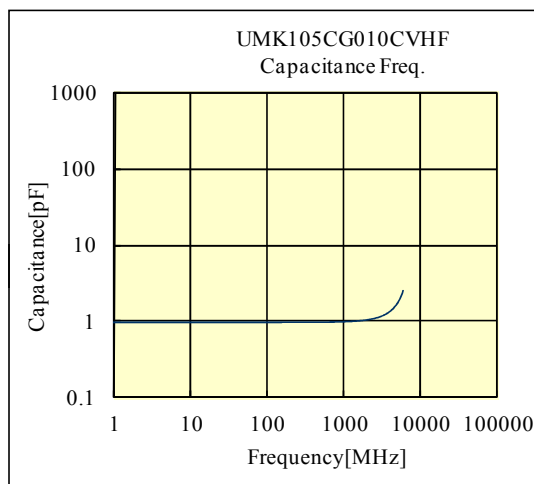
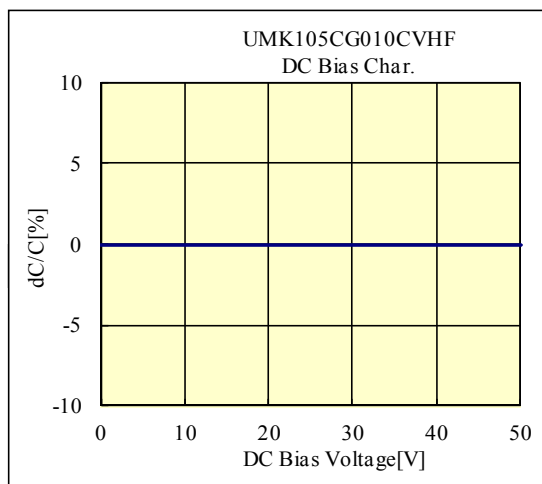
13CDD01

RoHS compliance product

## ○UMK105CG010CVHF

50V 1005 CG/C0G 1pF +/- 0.25pF t=0.55mmMAX

50V 0402 CG/C0G 1pF +/- 0.25pF t=0.022inchMAX



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