

# Spec Sheet

Multilayer Ceramic Capacitors (Temperature compensating type) for Automotive / Industrial Applications

## UMK063CG3R2CTHF



### ■ Features

- Item Summary  
3.2pF±0.25pF, 50V,  
C0G/CG, 0201/0603 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping paper 15000pcs

### ■ Products characteristics table

Capacitance	3.2 pF ± 0.25pF
Case Size (EIA/JIS)	0201/0603
Rated Voltage	50 V
Q (min)	464 at 1MHz
Temperature Characteristic (EIA)	C0G
Operating Temp. Range (EIA)	-55 to +125 °C
Temperature Characteristic (JIS)	CG
Operating Temp. Range (JIS)	-55 to +125 °C
Temperature Characteristic	0 ±30 ppm/°C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	10 GΩ
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (173 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

### ■ External Dimensions

Dimension L	0.6 ±0.03 mm
Dimension W	0.3 ±0.03 mm
Dimension T	0.3 ±0.03 mm
Dimension e	0.15 ±0.05 mm

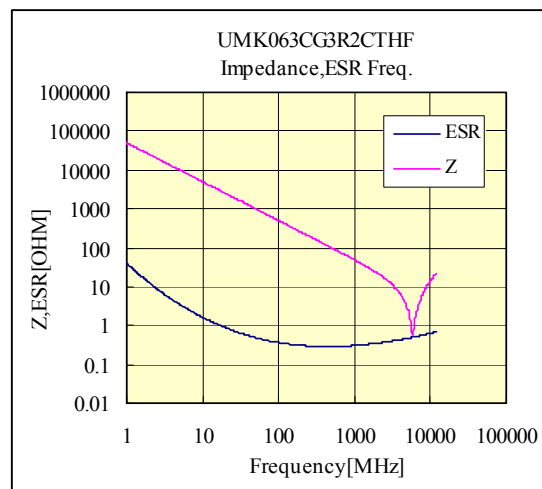
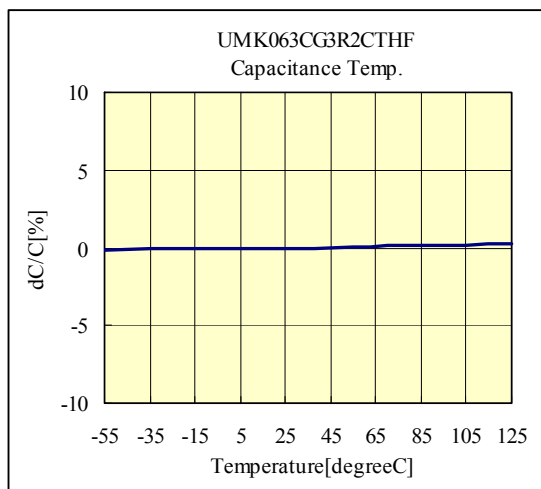
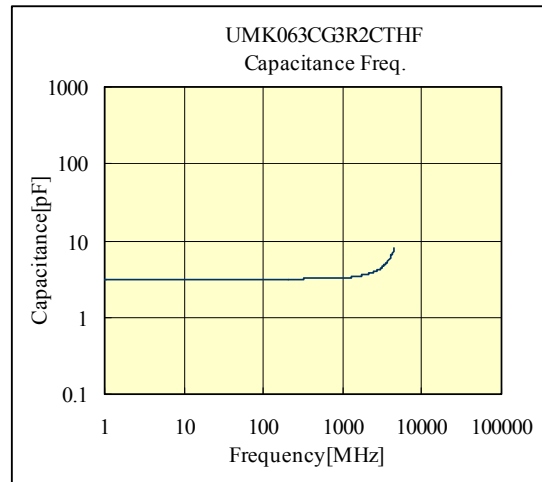
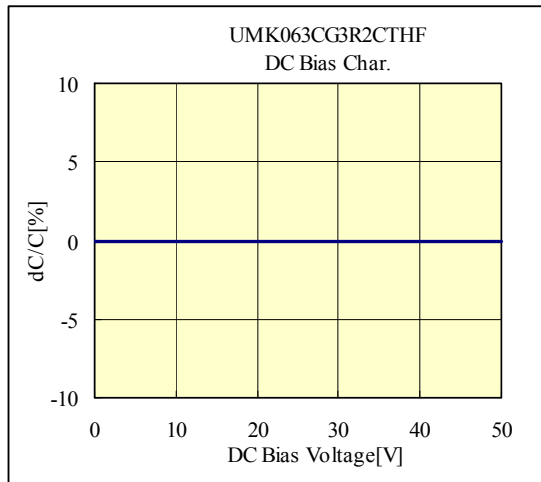
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The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
TAIYO YUDEN reserves the right to make change to the Date at any time without notice.  
Before making final selection, please check product specification.

## ○UMK063CG3R2CTHF

50V 0603 CG/C0G 3.2pF +/- 0.25pF t=0.33mmMAX

50V 0201 CG/C0G 3.2pF +/- 0.25pF t=0.013inchMAX



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