



**THE DATASHEET OF  
UMK063CG3R1CTHF**



## Multilayer Ceramic Capacitors

## UMK063CG3R1CTHF



## ■ Features

- Item Summary  
3.1pF±0.25pF, 50V,  
C0G/CG, 0201/0603 (EIA/JIS)
- Lifecycle Stage  
New PN available
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping Paper 15000pcs

## ■ Products characteristics table

Capacitance	3.1 pF ± 0.25pF
Case Size (EIA/JIS)	0201/0603
Rated Voltage	50 V
Q (min)	462 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
RoHS Compliance (10 subst.)	Yes
REACH Compliance (223 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.  
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 Before making final selection, please check product specification.

## Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

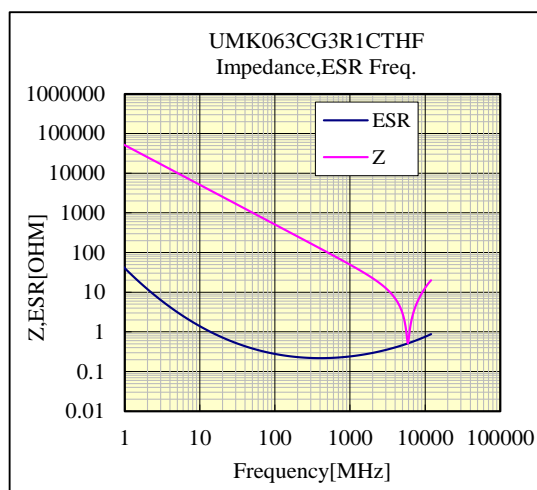
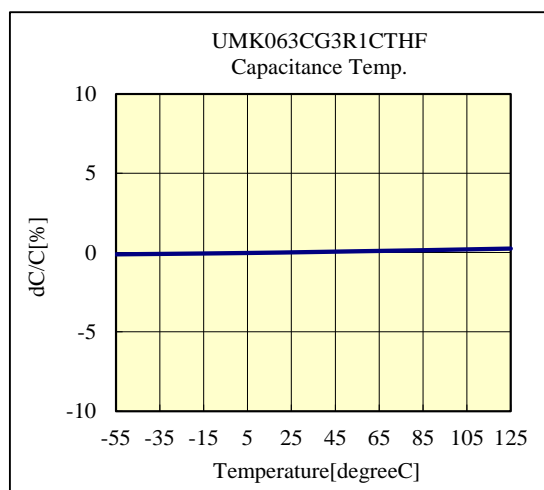
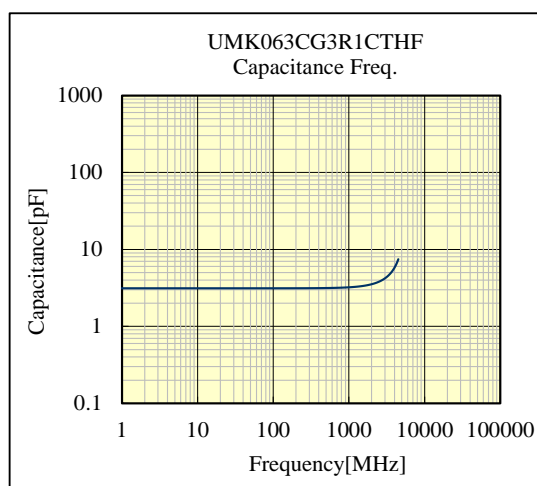
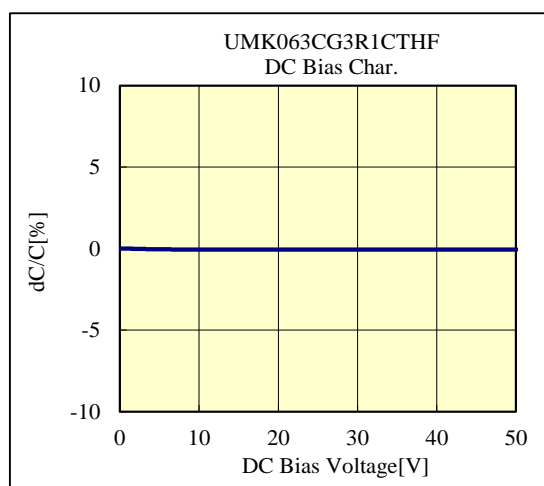
17CDD07

RoHS compliance product

### ○UMK063CG3R1CTHF

50V 0603 CG/C0G 3.1pF +/- 0.25pF t=0.33mmMAX

50V 0201 CG/C0G 3.1pF +/- 0.25pF t=0.013inchMAX



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