

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

UMK063CG060DTHF



■ Features

- Item Summary
6pF \pm 0.5pF, 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 | 6 pF \pm 0.5pF |
| Case Size (EIA/JIS) | 0201/0603 |
| Rated Voltage | 50 V |
| Q (min) | 520 at 1MHz |
| Temperature Characteristic (EIA) | C0G |
| Operating Temp. Range (EIA) | -55 to +125 $^{\circ}$ C |
| Temperature Characteristic (JIS) | CG |
| Operating Temp. Range (JIS) | -55 to +125 $^{\circ}$ C |
| Temperature Characteristic | 0 \pm 30 ppm/ $^{\circ}$ C |
| High Temperature Loading (% Rated Voltage) | 200 % |
| Insulation Resistance (min) | 10 G Ω |
| RoHS2 Compliance (10 subst.) | Yes |
| REACH Compliance (181 subst.) | Yes |
| Halogen Free | Yes |
| Soldering | Reflow |

■ External Dimensions

| | |
|-------------|--------------------|
| Dimension L | 0.6 \pm 0.03 mm |
| Dimension W | 0.3 \pm 0.03 mm |
| Dimension T | 0.3 \pm 0.03 mm |
| Dimension e | 0.15 \pm 0.05 mm |

2018.03.10

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

Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

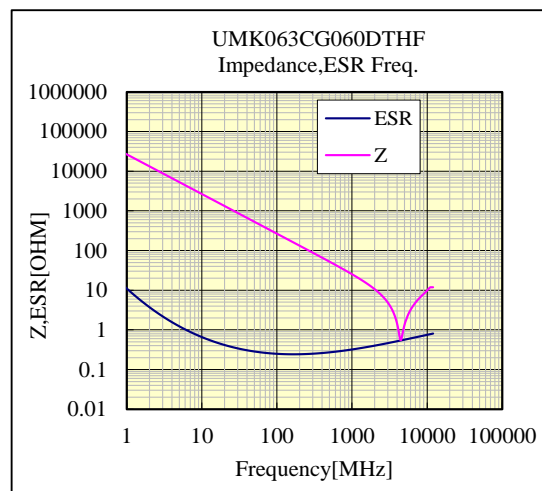
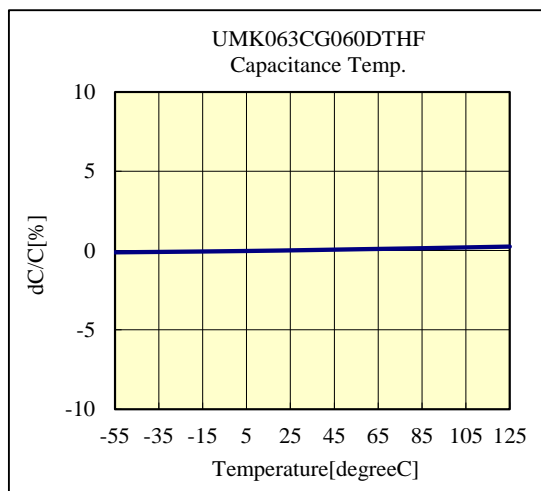
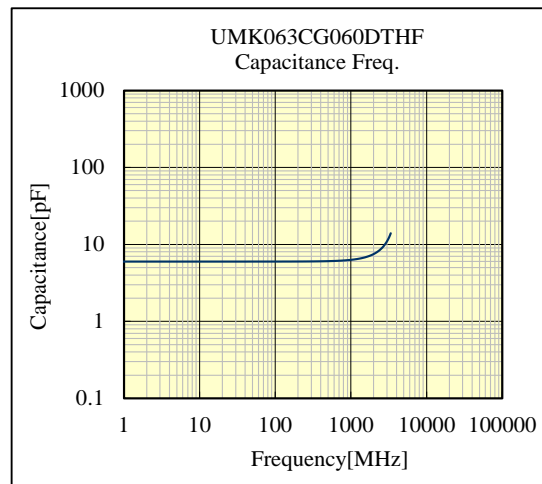
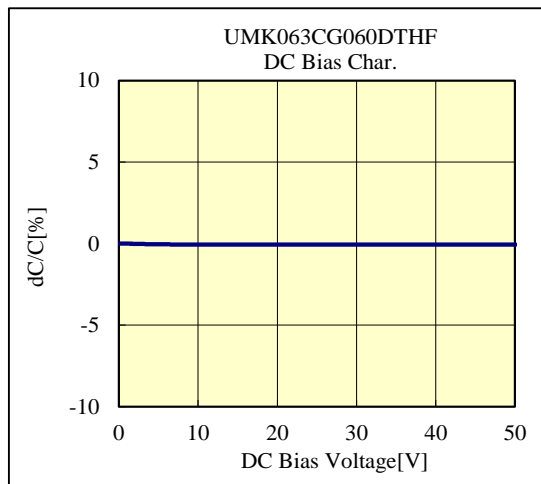
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RoHS compliance product

○UMK063CG060DTHF

50V 0603 CG/C0G 6pF +/- 0.5pF t=0.33mmMAX

50V 0201 CG/C0G 6pF +/- 0.5pF t=0.013inchMAX



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