

Standard Multilayer Ceramic Capacitors (Temperature compensating type)

TMK042CG080CD-W



■ Features

- Item Summary
8pF±0.25pF, 25V,
C0G/CG, 01005/0402 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 40000pcs

■ Products characteristics table

| | |
|---|----------------|
| Capacitance | 8 pF ± 0.25pF |
| Case Size (EIA/JIS) | 01005/0402 |
| Rated Voltage | 25 V |
| Q (min) | 560 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 (181 subst.) | Yes |
| Halogen Free | Yes |
| Soldering | Reflow |

■ External Dimensions

| | |
|-------------|---------------|
| Dimension L | 0.4 ±0.02 mm |
| Dimension W | 0.2 ±0.02 mm |
| Dimension T | 0.2 ±0.02 mm |
| Dimension e | 0.10 ±0.03 mm |

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.

2018.08.20

Multi Layer Ceramic Capacitor

TAIYO YUDEN

-Electrical Characteristics Data-

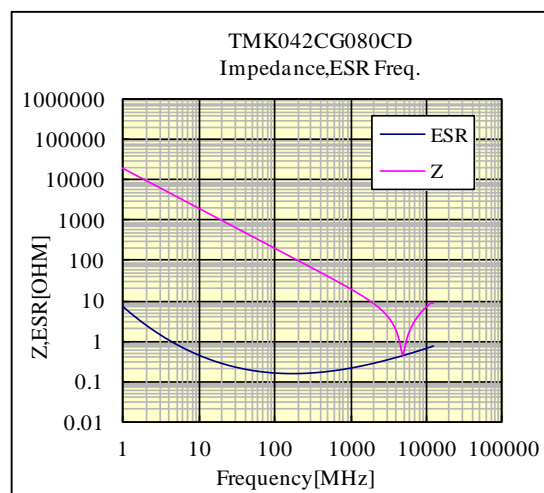
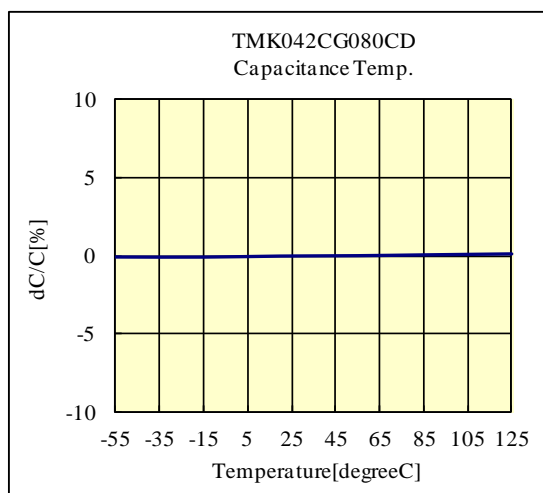
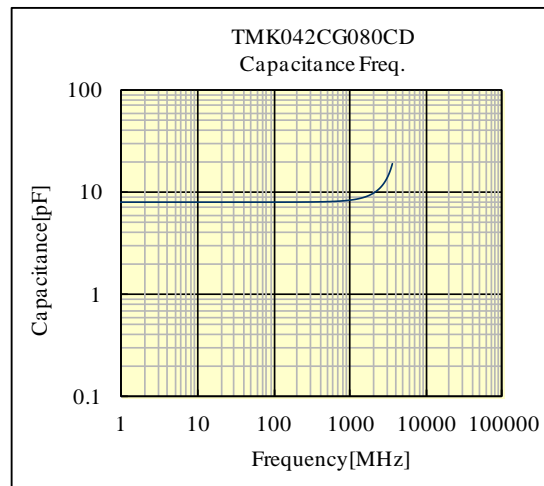
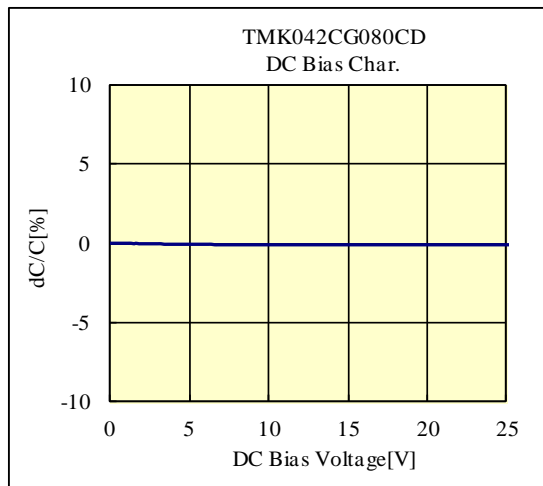
16CDD02

RoHS compliance product

○TMK042CG080CD

25V 0402 CG/C0G 8pF +/- 0.25pF t=0.22mmMAX

25V 01005 CG/C0G 8pF +/- 0.25pF t=0.009inchMAX



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