

Multilayer Ceramic Capacitors (Temperature compensating type)

EMK042CG241JC-W



■ Features

- Item Summary
240pF±5%, 16V,
C0G/CG, 01005/0402 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 40000pcs

■ Products characteristics table

| | |
|---|----------------|
| Capacitance | 240 pF ± 5 % |
| Case Size (EIA/JIS) | 01005/0402 |
| Rated Voltage | 16 V |
| Q (min) | 1000 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 (191 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 |

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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 data at any time without notice.
 Before making final selection, please check product specification.

Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

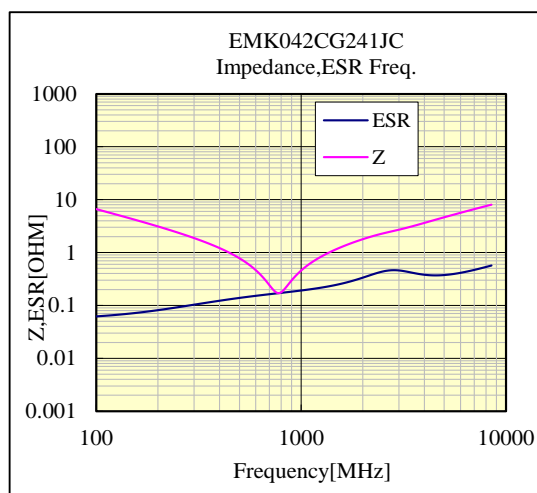
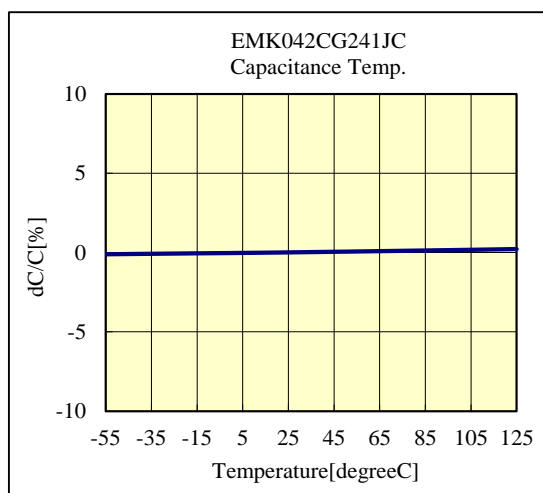
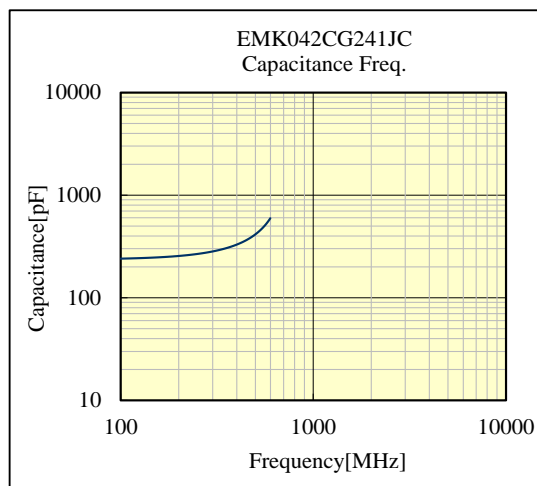
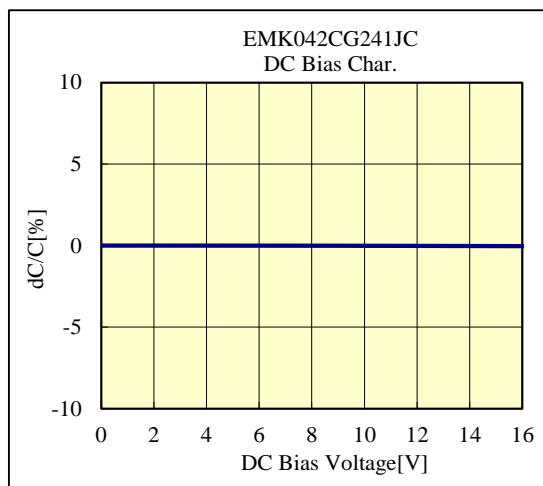
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RoHS compliance product

○EMK042CG241JC

16V 0402 CG/C0G 240pF +/- 5% t=0.22mmMAX

16V 01005 CG/C0G 240pF +/- 5% t=0.009inchMAX



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Please read this notice before using the TAIYO YUDEN products.



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