

Multilayer Ceramic Capacitors for High Frequency Applications

TVS021CG0R3AK-W



■ Features

- Item Summary
0.3pF±0.05pF, 25V,
C0G/CG, 008004/0201 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping Embossed 50000pcs

■ Products characteristics table

| | |
|---|-----------------|
| Capacitance | 0.3 pF ± 0.05pF |
| Case Size (EIA/JIS) | 008004/0201 |
| Rated Voltage | 25 V |
| Q (min) | 260 at 1GHz |
| 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 | 0.25 ±0.013 mm |
| Dimension W | 0.125 ±0.013 mm |
| Dimension T | 0.125 ±0.013 mm |
| Dimension e | 0.0675 ±0.0275 mm |

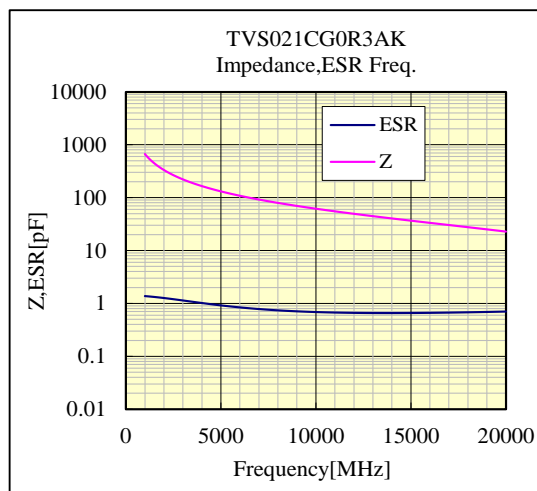
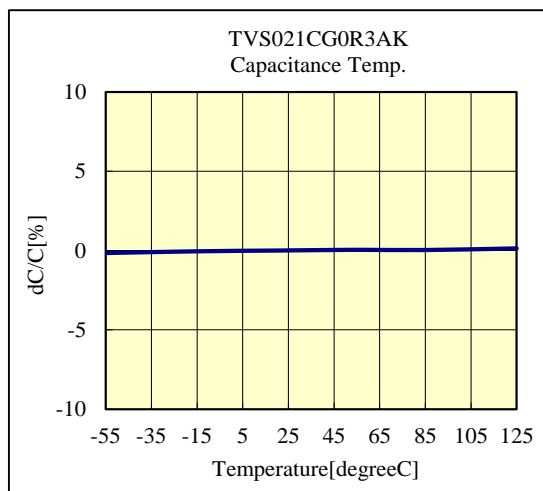
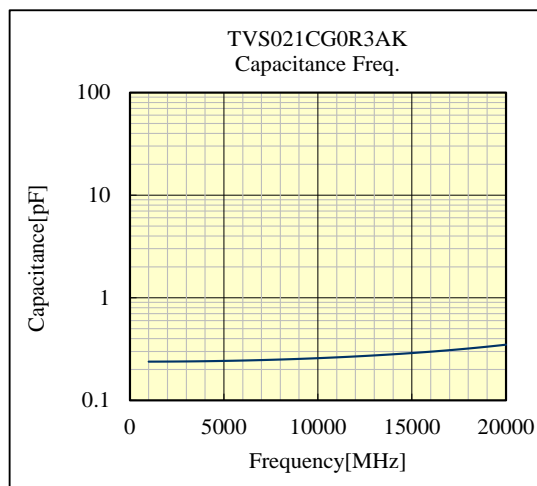
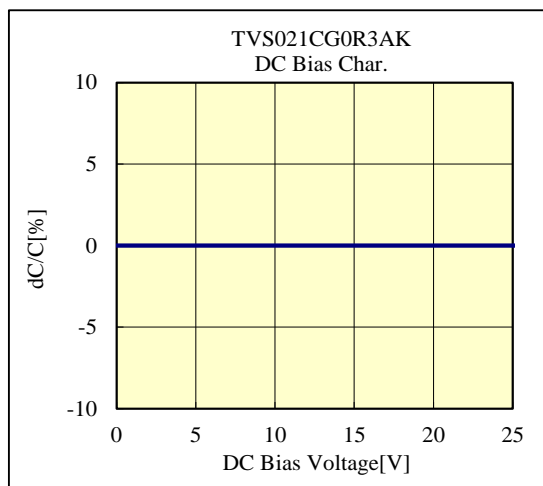
The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
 TAIYO YUDEN reserves the right to make change to the data at any time without notice.
 Before making final selection, please check product specification.

2017.11.13

○TVS021CG0R3AK

25V 0201 CG/C0G 0.3pF +/- 0.05pF t=0.138mmMAX

25V 008004 CG/C0G 0.3pF +/- 0.05pF t=0.0054inchMAX



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Before making final selection, please check product specification.

Please read this notice before using the TAIYO YUDEN products.



REMINDERS

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Please do not incorporate our products into any equipment requiring high levels of safety and/or reliability (e.g., aerospace equipment, aviation equipment*, medical equipment classified as Class IV by IMDRF, nuclear control equipment, undersea equipment, military equipment).

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When our products are used even for high safety and/or reliability-required devices or circuits of general electronic equipment, it is strongly recommended to perform a thorough safety evaluation prior to use of our products and to install a protection circuit as necessary.

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