

Spec Sheet

High Frequency Medium-High Voltage MLCC for Automotive (BODY & CHASSIS, INFOTAINMENT) Applications

QVS212CG2R4BDHT



■ Features

- Item Summary
2.4pF±0.1pF, 250V,
COG/CG, 0805/2012 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Paper 4000pcs

■ Products characteristics table

| | |
|---|----------------|
| Capacitance | 2.4 pF ± 0.1pF |
| Case Size (EIA/JIS) | 0805/2012 |
| Rated Voltage | 250 V |
| Q (min) | 848 at 1MHz |
| Temperature Characteristic (EIA) | COG |
| 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 (209 subst.) | Yes |
| Halogen Free | Yes |
| Soldering | Reflow |

■ External Dimensions

| | |
|-------------|---------------|
| Dimension L | 2.0 ±0.10 mm |
| Dimension W | 1.25 ±0.10 mm |
| Dimension T | 0.85 ±0.10 mm |
| Dimension e | 0.50 ±0.25 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.

2021.07.01

Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

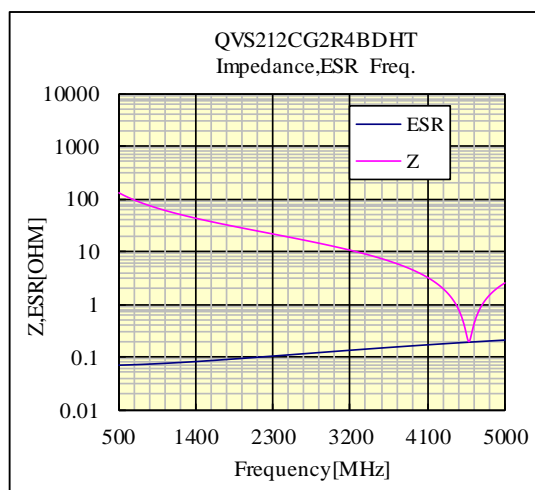
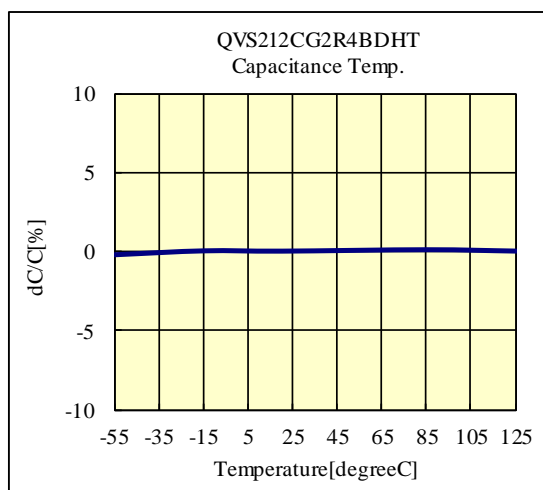
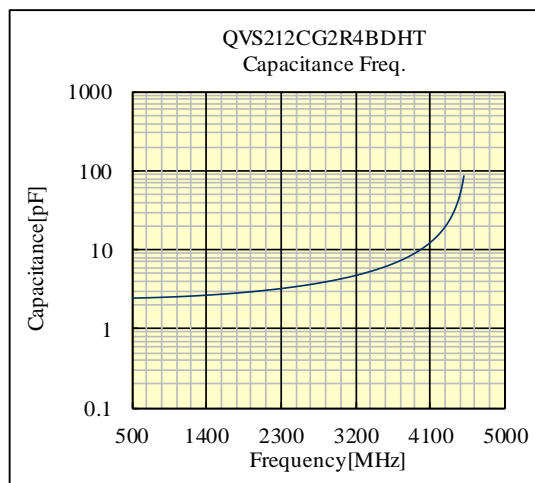
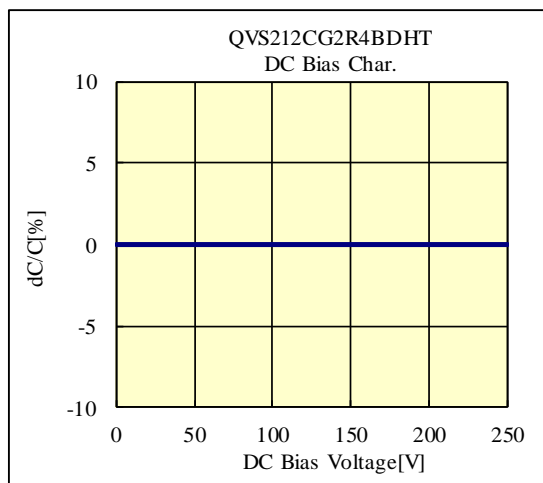
18CUD06

RoHS compliance product

○QVS212CG2R4BDHT

250V 2012 CG/C0G 2.4pF +/- 0.1pF t=0.95mmMAX

250V 0805 CG/C0G 2.4pF +/- 0.1pF t=0.037inchMAX



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Before making final selection, please check product specification.

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[>>Taiyo Yuden\(太阳诱电\)](#)