

Spec Sheet

High Frequency Medium-High Voltage Multilayer Ceramic Capacitors for Automotive / Industrial Applications

QVS212CG0R5CDHT



■ Features

- Item Summary
0.5pF±0.25pF, 250V,
C0G/CG, 0805/2012 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping paper 4000pcs

■ Products characteristics table

Capacitance	0.5 pF ± 0.25pF
Case Size (EIA/JIS)	0805/2012
Rated Voltage	250 V
Q (min)	810 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 (168 subst.)	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

2016.11.07

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
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Before making final selection, please check product specification.

Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

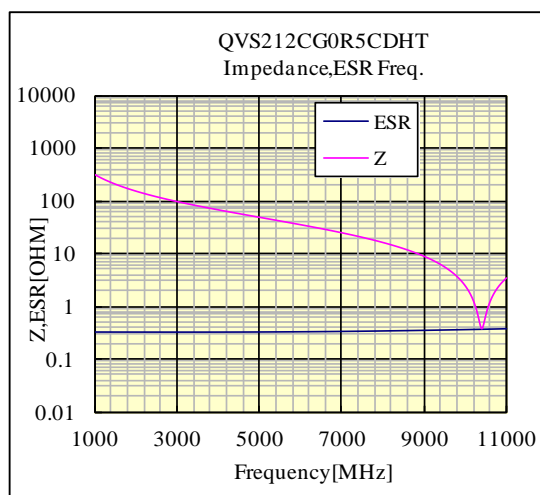
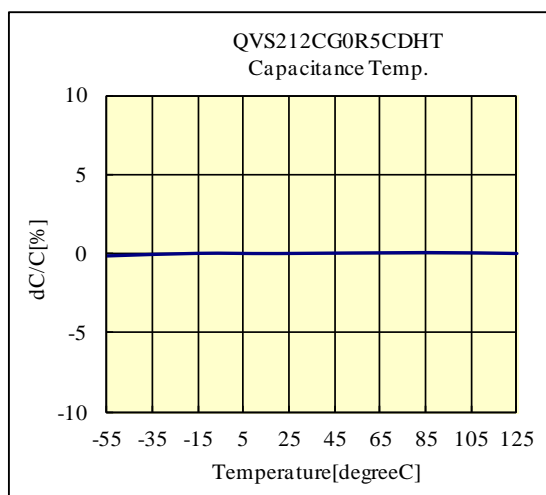
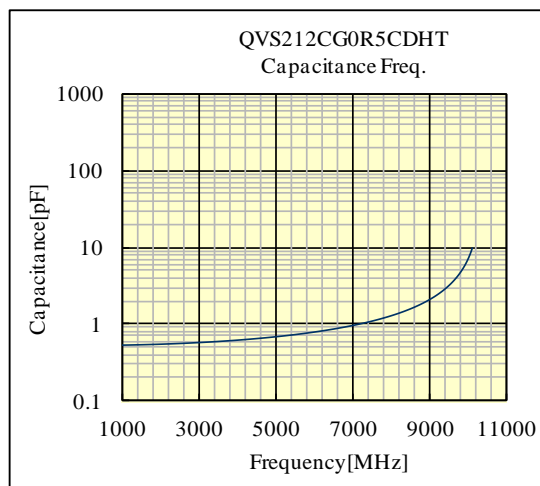
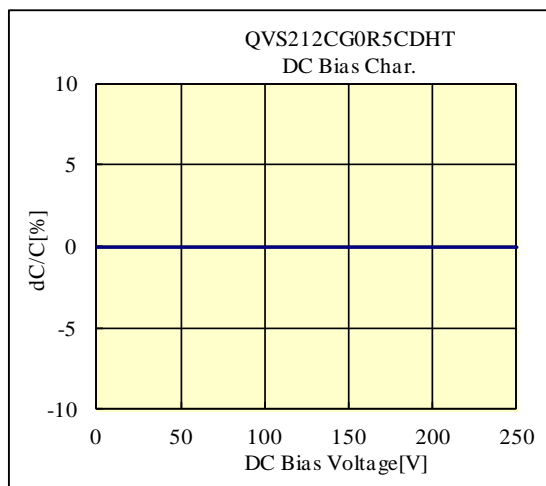
16CUD09

RoHS compliance product

○QVS212CG0R5CDHT

250V 2012 CG/C0G 0.5pF +/- 0.25pF t=0.95mmMAX

250V 0805 CG/C0G 0.5pF +/- 0.25pF t=0.037inchMAX



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