

Spec Sheet

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

QVS107CG8R2DCHT



■ Features

- Item Summary
8.2pF±0.5pF, 250V,
C0G/CG, 0603/1608 (EIA/JIS)
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping paper 4000pcs

■ Products characteristics table

Capacitance	8.2 pF ± 0.5pF
Case Size (EIA/JIS)	0603/1608
Rated Voltage	250 V
Q (min)	964 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 (173 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	1.6 ±0.10 mm
Dimension W	0.8 ±0.10 mm
Dimension T	0.7 ±0.10 mm
Dimension e	0.35 ±0.25 mm

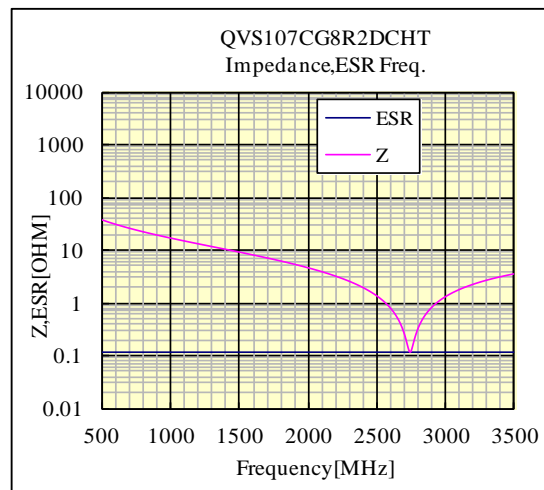
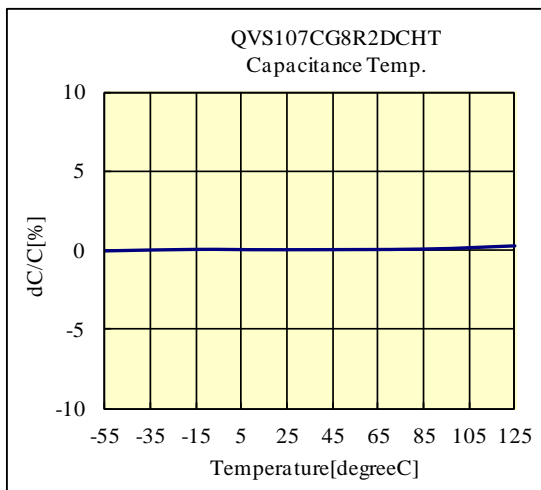
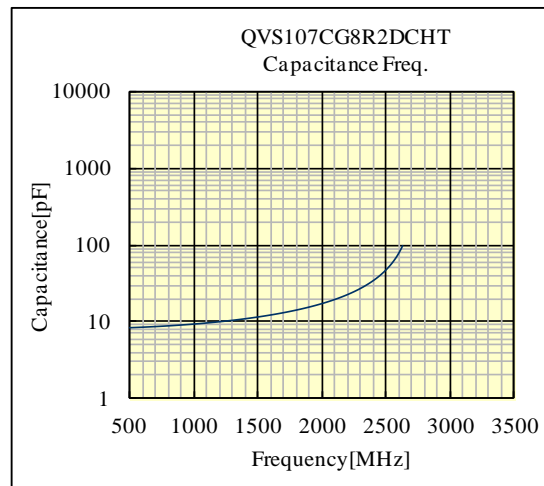
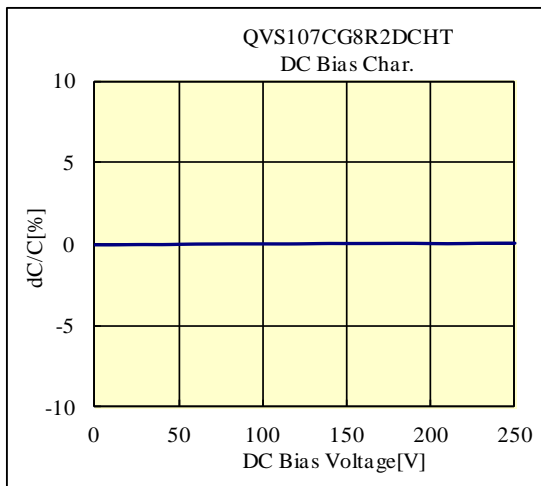
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The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
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 Before making final selection, please check product specification.

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250V 1608 CG/C0G 8.2pF +/- 0.5pF t=0.8mmMAX

250V 0603 CG/C0G 8.2pF +/- 0.5pF t=0.031inchMAX



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