

# Spec Sheet

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

## QVS107CG270JCHT



### ■ Features

- Item Summary  
27pF±5%, 250V,  
C0G/CG, 0603/1608 (EIA/JIS)
- Lifecycle Stage  
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping Paper 4000pcs

### ■ Products characteristics table

Capacitance	27 pF ± 5 %
Case Size (EIA/JIS)	0603/1608
Rated Voltage	250 V
Q (min)	1340 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 (209 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

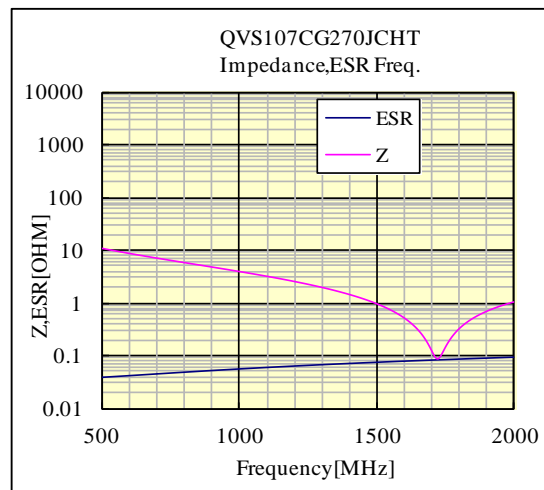
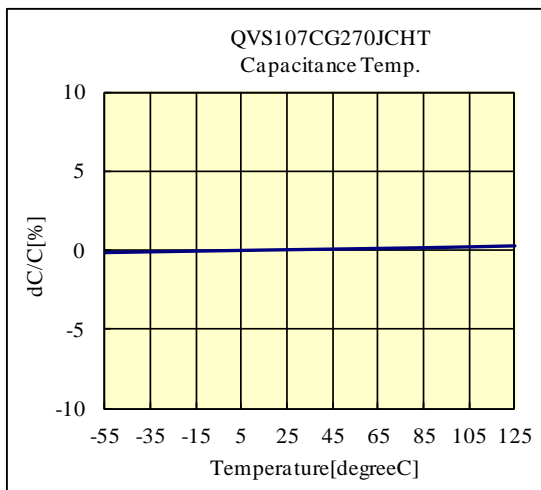
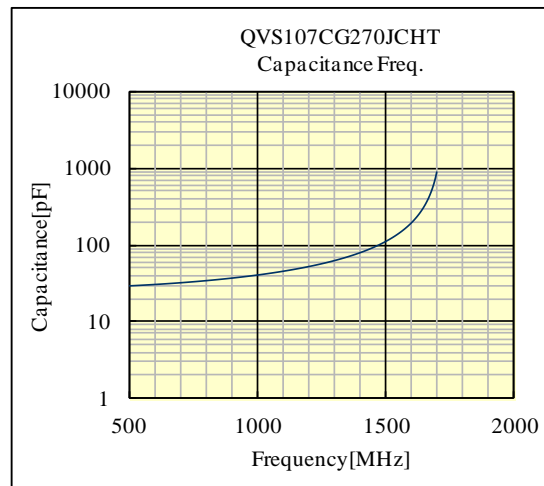
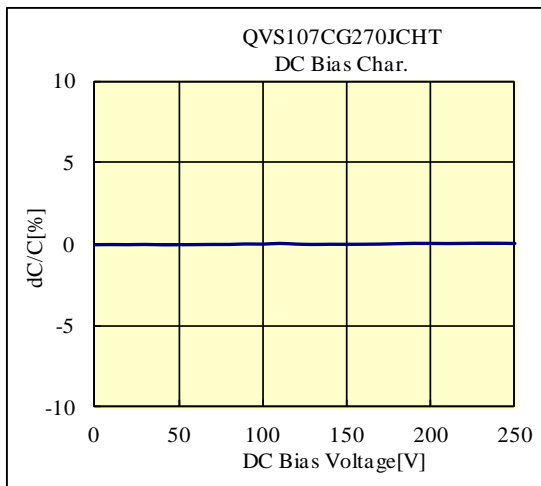
The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
 TAIYO YUDEN reserves the right to make change to the data at any time without notice.  
 Before making final selection, please check product specification.

2021.07.01

## ○QVS107CG270JCHT

250V 1608 CG/C0G 27pF +/- 5% t=0.8mmMAX

250V 0603 CG/C0G 27pF +/- 5% t=0.031inchMAX



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Before making final selection, please check product specification.

Please read this notice before using the TAIYO YUDEN products.



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