

## QVS212CG020BDHT



## ■ Features

- Item Summary  
2pF±0.1pF, 250V,  
C0G/CG, 0805/2012 (EIA/JIS)
- Lifecycle Stage  
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
Taping paper 4000pcs

## ■ Products characteristics table

Capacitance	2 pF ± 0.1pF
Case Size (EIA/JIS)	0805/2012
Rated Voltage	250 V
Q (min)	840 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 (181 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

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.

2018.06.28

## Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

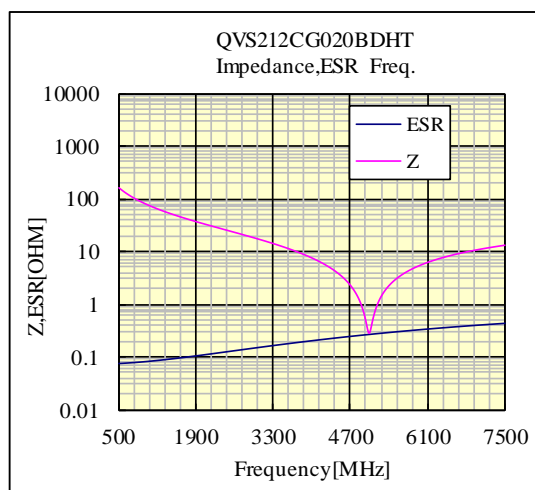
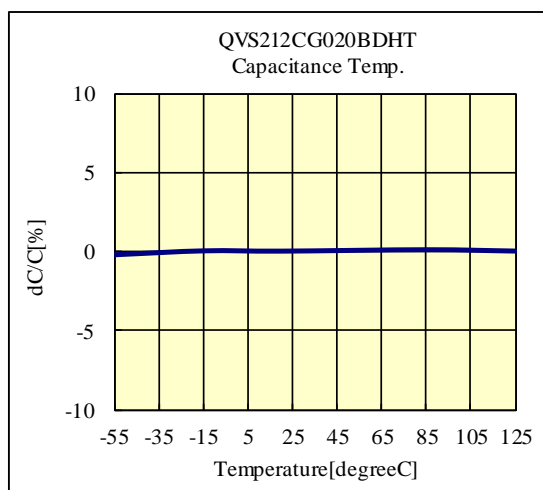
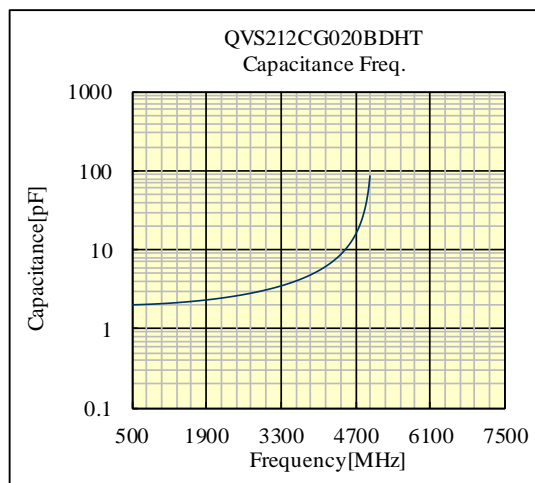
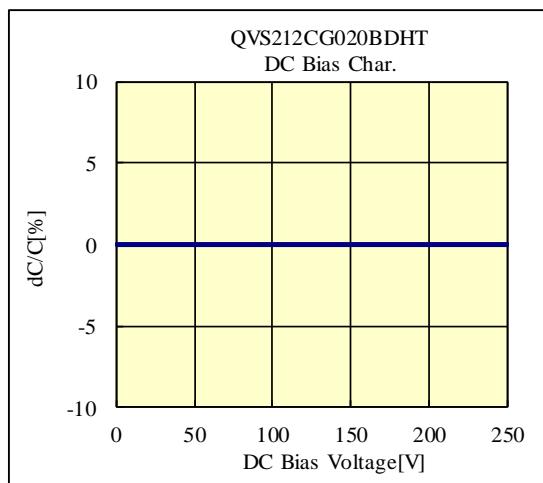
18CUD06

RoHS compliance product

### ○QVS212CG020BDHT

250V 2012 CG/C0G 2pF +/- 0.1pF t=0.95mmMAX

250V 0805 CG/C0G 2pF +/- 0.1pF t=0.037inchMAX



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Please read this notice before using the TAIYO YUDEN products.



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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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