

# Spec Sheet

Soft Termination MLCC for Telecommunications Infrastructure and Industrial Equipment / Medical Devices

## QMJ212KB7222KD8T



### ■ Features

- Item Summary  
2200pF±10%, 250V,  
X7R, 0805/2012 (EIA/JIS)
- Lifecycle Stage  
Mass Production (Preferred)
- Standard packaging quantity (minimum)  
Taping Paper 4000pcs

### ■ Products characteristics table

Capacitance	2200 pF ± 10 %
Case Size (EIA/JIS)	0805/2012
Rated Voltage	250 V
tan δ (max)	2.5 %
Temperature Characteristic (EIA)	X7R
Operating Temp. Range (EIA)	-55 to +125 °C
High Temperature Loading (% Rated Voltage)	150 %
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 ±0.15 mm
Dimension W	1.25 ±0.15 mm
Dimension T	0.85 ±0.15 mm
Dimension e	0.50 +0.35/-0.25 mm

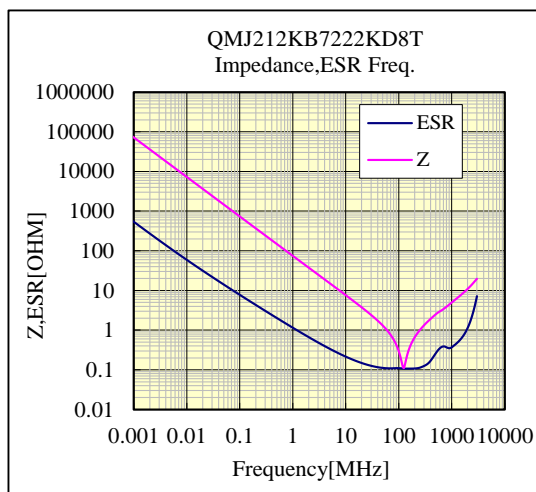
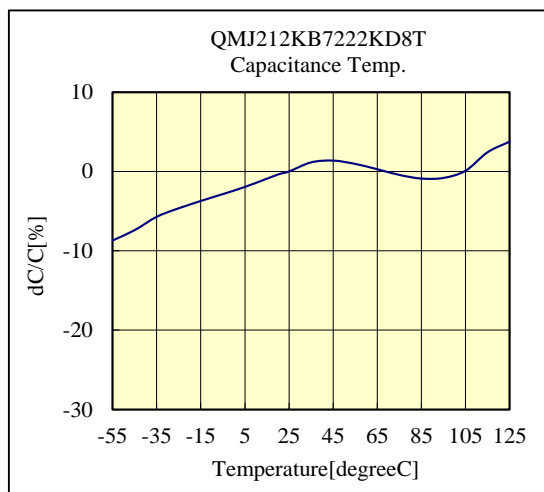
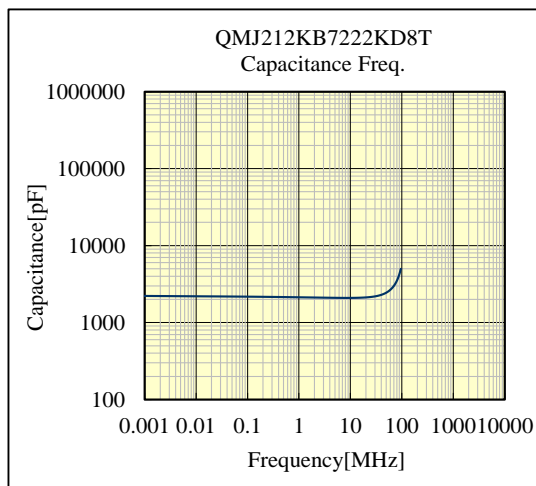
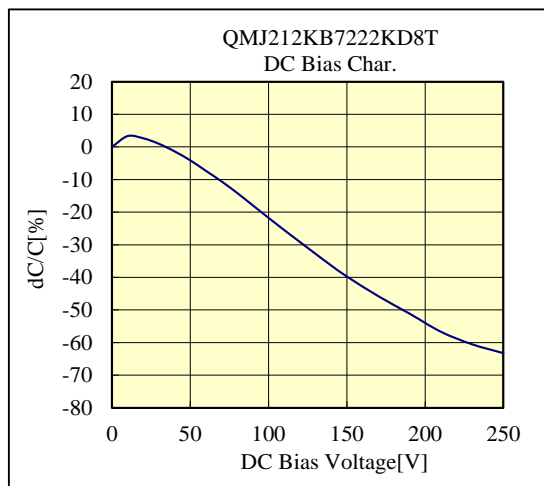
The data is reference only. Electrical characteristics vary depending on environment or measurement condition.  
TAIYO YUDEN reserves the right to make change to the data at any time without notice.  
Before making final selection, please check product specification.

2021.07.01

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250V 2012 X7R 2200pF +/- 10% t=1.0mmMAX

250V 0805 X7R 2200pF +/- 10% t=0.039inchMAX



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Before making final selection, please check product specification.

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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).

\*Note: There is a possibility that our products can be used only for aviation equipment that does not directly affect the safe operation of aircraft (e.g., in-flight entertainment, cabin light, electric seat, cooking equipment) if such use meets requirements specified separately by TAIYO YUDEN. Please be sure to contact TAIYO YUDEN for further information before using our products for such aviation equipment.

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[>>Taiyo Yuden\(太阳诱电\)](#)