

Spec Sheet

MLCC (High dielectric type) for Telecommunications Infrastructure and Industrial Equipment / Medical Devices

TMK063B7331KP8FE



■ Features

- Item Summary
330pF \pm 10%, 25V,
X7R, 0201/0603 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- Standard packaging quantity (minimum)
Taping Paper 15000pcs

■ Products characteristics table

Capacitance	330 pF \pm 10 %
Case Size (EIA/JIS)	0201/0603
Rated Voltage	25 V
tan δ (max)	3.5 %
Temperature Characteristic (EIA)	X7R
Operating Temp. Range (EIA)	-55 to +125 °C
High Temperature Loading (% Rated Voltage)	200 %
Insulation Resistance (min)	10 G Ω
RoHS Compliance (10 subst.)	Yes
REACH Compliance (209 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

■ External Dimensions

Dimension L	0.6 \pm 0.03 mm
Dimension W	0.3 \pm 0.03 mm
Dimension T	0.3 \pm 0.03 mm
Dimension e	0.15 \pm 0.05 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

Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

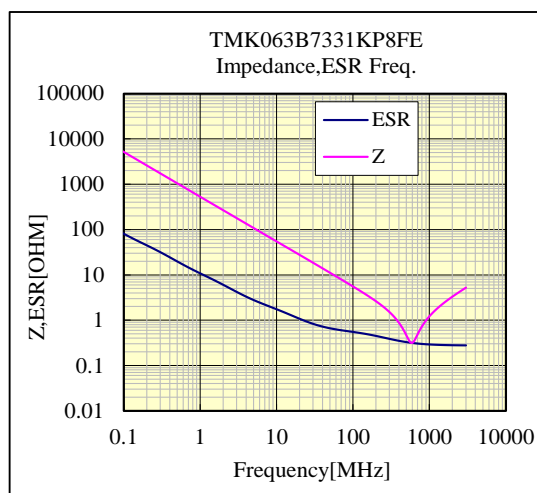
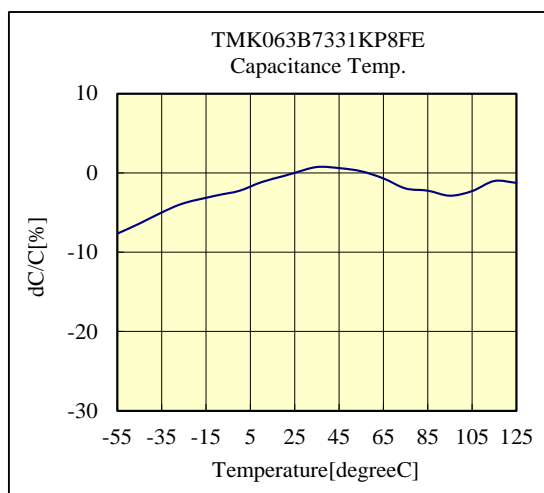
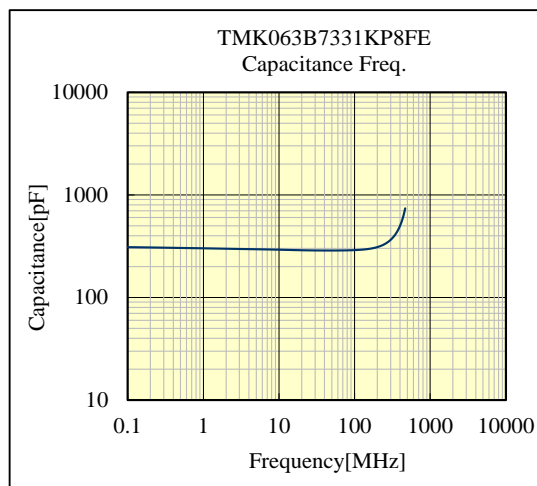
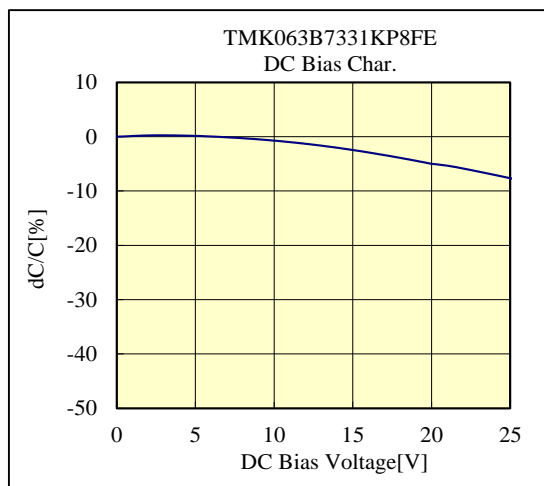
20U1A10

RoHS compliance product

○TMK063B7331KP8FE

25V 0603 X7R 330pF +/- 10% t=0.33mmMAX

25V 0201 X7R 330pF +/- 10% t=0.013inchMAX



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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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[>>Taiyo Yuden\(太阳诱电\)](#)