

Spec Sheet

MLCC for Automotive (POWERTRAIN, SAFETY) Applications(Cu external electrode products)

EMR063B7331KP-F



■ Features

- Item Summary
330pF±10%, 16V,
X7R, 0201/0603 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Paper 15000pcs

■ Products characteristics table

| | |
|---|----------------|
| Capacitance | 330 pF ± 10 % |
| Case Size (EIA/JIS) | 0201/0603 |
| Rated Voltage | 16 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 GΩ |
| RoHS Compliance (10 subst.) | Yes |
| REACH Compliance (209 subst.) | Yes |
| Halogen Free | Yes |
| Soldering | Reflow |

■ External Dimensions

| | |
|-------------|---------------|
| Dimension L | 0.6 ±0.03 mm |
| Dimension W | 0.3 ±0.03 mm |
| Dimension T | 0.3 ±0.03 mm |
| Dimension e | 0.15 ±0.05 mm |

2021.07.01

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.

Multi Layer Ceramic Capacitor

-Electrical Characteristics Data-

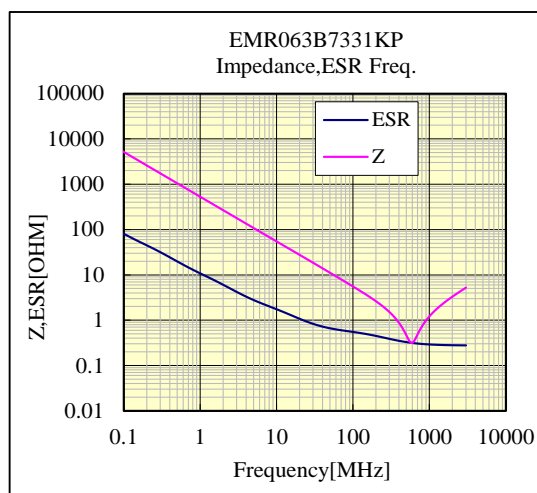
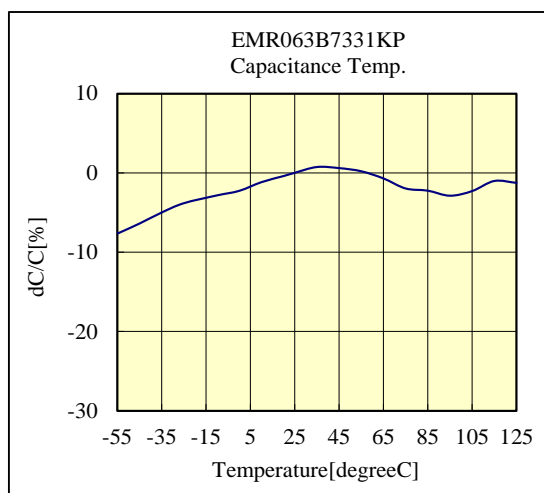
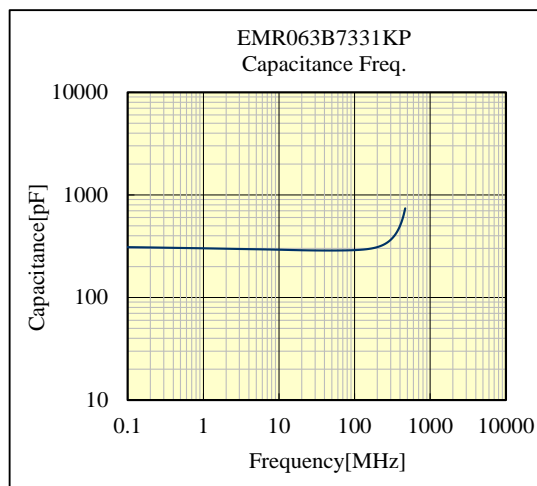
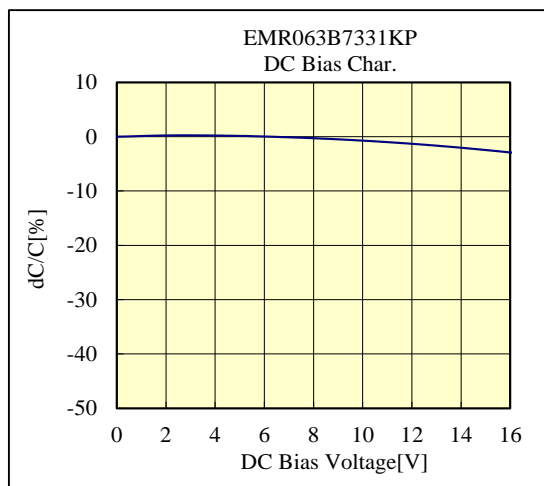
20U1A10

RoHS compliance product

○EMR063B7331KP

16V 0603 X7R 330pF +/- 10% t=0.33mmMAX

16V 0201 X7R 330pF +/- 10% t=0.013inchMAX



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[>>Taiyo Yuden\(太阳诱电\)](#)